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FIFTIETH ANNUAL REPORT

OF

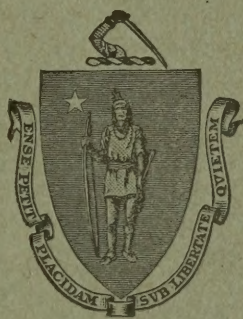
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THE TRUSTEES

OF THE

TAUNTON INSANE HOSPITAL,

FOR THE

YEAR ENDING SEPTEMBER 30, 1903.



BOSTON :

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.

1904.

^{66th}
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THE TRUSTEES

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FOR THE

YEAR ENDING SEPTEMBER 30, 1903.-1919

Mass.: Taunton state hospital



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STATE HOUSE, BOSTON

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THE STATE BOARD OF PUBLICATION.

YEARLY STATE
TO
ATTENDING BOARD

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OFFICERS

OF THE

TAUNTON INSANE HOSPITAL.

TRUSTEES.

ELIZABETH C. M. GIFFORD (<i>Secretary</i>),	. . .	BOSTON.
SUSAN E. LEAROYD,	. . . . .	WAKEFIELD.
LOYED E. CHAMBERLAIN,	. . . . .	BROCKTON.
HENRY R. STEDMAN (<i>Chairman</i>),	. . . . .	BROOKLINE.
WILLIAM C. LOVERING,	. . . . .	TAUNTON.
NATHANIEL B. BORDEN,	. . . . .	FALL RIVER.
JAMES P. FRANCIS,	. . . . .	NEW BEDFORD.

RESIDENT OFFICERS.

JOHN P. BROWN, M.D.,	. . . . .	<i>Superintendent.</i>
ARTHUR V. GOSS, M.D.,	. . . . .	<i>Assistant Physician.</i>
BENJAMIN W. BAKER, M.D.,	. . . . .	<i>Assistant Physician.</i>
ROY V. BAKETEL, M.D.,	. . . . .	<i>Assistant Physician.</i>
FLORENCE H. ABBOT, M.D.,	. . . . .	<i>Assistant Physician.</i>
HARRY W. MILLER, M.D.,	. . . . .	<i>Assistant Physician and Pathologist.</i>
H. WALTON WOOD, M.D.,	. . . . .	<i>Medical Interne.</i>
GEORGE K. BUTTERFIELD, M.D.,	. . . . .	<i>Medical Interne.</i>
HARRIET M. SEAVER,	. . . . .	<i>Superintendent of Train- ing School for Nurses.</i>
FRANK W. BOYNTON,	. . . . .	<i>Clerk.</i>
JAMES C. FLYNN,	. . . . .	<i>Engineer.</i>
A. A. SOUTHWICK,	. . . . .	<i>Farmer.</i>
EVERETT H. LEONARD,	<i>Farmer at Raynham Col- ony Farm.</i>

TREASURER.

JOHN KITTREDGE,	TAUNTON.
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Office at the Hospital.

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Taunton Insane Hospital have the honor to submit the fiftieth annual report of this institution. The growth of its population is practically a repetition of that of the last few years. Although the number of patients at the end of the year is 14 less than that of a year ago, or 967, the number of cases treated was 1,452, which is an increase of 48, and exceeds the record of any year in the history of the hospital.

It is satisfactory to be able to record a larger number of recoveries and a still greater number of those discharged much improved. The percentage of deaths is but a little above that of the preceding year.

Many more patients have been given parole, which means more liberty, freedom and contentment to a greater number; 230, or over 24 per cent. of the daily average number of patients, now enjoying that privilege. There are now two open wards, where patients go and come at their pleasure. The results have been satisfactory in the extreme, very few having abused the privilege, and all enjoying the increase of personal liberty so dear to every one.

The home for female nurses was furnished and occupied early in the year. The vegetable house and cellar have been completed and are now in use, and extensive repairs to the buildings have been made, especially in the painting. The home for male nurses, contracted for in July last, is rapidly approaching completion.

Our farm colony at Raynham has developed into a busy,

productive and useful community, and before the end of the year 70 patients will live and work there. It is an important adjunct to the hospital, and a prosperous department, the annual receipts exceeding all expenditures by \$1,200. A large building for the patients there, for which appropriations were made by the last Legislature, was also placed under contract by the trustees in July, and the work is progressing rapidly and satisfactorily.

The extension of the dining rooms of the front wings for the use of the nurses will be completed early in the coming year, those on the female side by the first of February or before.

Appropriations for the next year will be needed for the following improvements :—

1. The enlargement of the laundry, which is altogether too small, and has been in use for twenty-five years. An outlay of \$10,000 for this purpose and \$4,000 for the machinery will be necessary.

2. An inexpensive farm building, to cost not more than \$1,600, to be used for cows with young calves, — a class of stock for which there is now no suitable accommodation.

3. A silo, a hoisting engine and feed cutter for the home farm, for which \$700 is asked.

An appropriation will also be needed for the current expenses of the coming year, partly by reason of the increased cost of the extra number of attendants and nurses that will be required to reduce the weekly hours of service. The exact amount cannot be definitely estimated at present, but will be reported to the Legislature at an early date.

We commend to your notice the very favorable account given by the superintendent in his appended report of the development of the industries of the hospital, in which 800 patients have been engaged during the year.

The Board has met with great disappointment in the resignation of Mr. Gerard C. Tobey, one of its most helpful, conscientious and interested members. Mr. James P. Francis of New Bedford was appointed to fill the position thus left vacant.

Dr. Tertia C. Wilton resigned as assistant physician the first of last November, after five years of efficient service, and

Dr. Florence H. Abbot, who had been assistant physician four years at the Medfield Insane Asylum, was appointed to the vacant position.

The conduct of the affairs of the hospital has been most satisfactory, and in keeping with the skill, ability and devotion of its superintendent, Dr. Brown, and his valued co-workers.

Respectfully submitted,

HENRY R. STEDMAN,
NATHANIEL B. BORDEN,
WILLIAM C. LOVERING,
ELIZABETH C. M. GIFFORD,
SUSAN E. LEAROYD,
LOYED E. CHAMBERLAIN,
JAMES P. FRANCIS,

Trustees.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton Insane Hospital.

In compliance with the by-laws of your Board, I present to you the fiftieth annual report of the superintendent for the year ending Sept. 30, 1903.

At the beginning of the year there were in the hospital 987 patients, — 482 men and 505 women. There were admitted during the year 465, — 249 men and 216 women; making the whole number under treatment 1,452, which is 48 more than were under treatment the previous year, and a greater number than in any previous year.

There were discharged during the year 480 patients, — 233 men and 247 women, as follows: 79 were discharged as recovered, 76 as much improved, 105 as improved and 113 as unimproved, and 107 died. The daily average number was 951.8, which is 10 more than the previous year, the daily average being increased by a less number of discharges. Of those discharged recovered, 18 had been insane less than one month, 29 less than six months, 2 less than twelve months, and the duration of insanity in 62 per cent. of those recovered did not exceed one year.

The transfers to other institutions by the State Board of Insanity were as follows: 65 were transferred to the Medfield Insane Asylum, 2 to the Boston Insane Hospital, 5 to the State Colony for the Insane at Gardner, 1 to the Hospital for Dipso-maniacs and Inebriates at Foxborough, 1 to the School for the Feeble-minded at Waverly, 3 to the State Hospital at Tewksbury, 1 to the Hospital for Epileptics at Monson and 1 to the Worcester Insane Asylum; 25 patients were removed to be boarded out in families, and 44 were removed from the State, having no settlement in the State.

The number of recoveries was greater than the previous year, but about the average for a series of years; also the number

discharged as much improved was greater than most previous years, and possibly it may have been increased by placing in this class a greater number of doubtful recoveries. The percentage of recoveries calculated on the admissions was 17 per cent. ; calculated on the discharges, it was 16.4 per cent. The number of deaths was 107. The percentage of deaths calculated on the daily average number of patients was 11.2 per cent. ; calculated on the whole number under treatment, it was 7.3 per cent. This is greater than the previous year, but not greater than the average in recent years, and not so great as might be expected from the character of the admissions and the number of aged and feeble patients who might be cared for at home, if the home life were more comfortable and not burdened by extreme poverty.

The greatest number of deaths were from diseases of the nervous system. Six died of cerebral hemorrhage and 18 of general paralysis of the insane, 7 of whom were women, — an unusual number, as compared with other years, which may be accidental, or it may indicate that the disease is becoming more common in women than formerly. There were only 6 deaths from tuberculosis, — a less number than usual, which probably resulted in part from the more careful nursing of those suffering from the disease, and less exposure of others to infection. Five patients died of old age. The average age of those who died was much greater than for some previous years, and was a necessary result of a greater number of old people having been admitted to the hospital; 2 of those who died were above ninety years old, 11 above eighty, 27 above seventy and 44 above sixty years of age. Six patients and one employee, a graduate of the training school and a most excellent nurse, died of pneumonia.

There has been no epidemic or infectious disease among the patients. Measles appeared among the nurses and employees early in the winter, and, although each case was promptly isolated, the disease continued through the winter and spring. There were 11 cases among the men and 2 among the women. There have been a less number of cases of malaria than during the year before, — 29 cases in all, patients and employees, as against 106 the previous year, which is a great reduction, and

it gives a hopeful outlook that the extent of the disease will hereafter be partially controlled, or at least will not be epidemic. No case of typhoid fever or diphtheria has occurred for two years, which would indicate that the sanitary condition of the hospital is good, or not defective.

About 800 patients have been employed during the year in the various departments of the hospital; upon the farm, at the barn, in the piggery, in the garden, at the greenhouse, on the lawns, at the laundry and boiler house, in the kitchen and basement, in the sewing room, at the shoe shop and brush shop, and on the wards assisting the nurses in the ward work; and the women not otherwise employed have done sewing and knitting on the wards, which is carried to them by a person who has special charge of it. The new buildings in process of construction the present year have furnished extra work for the men. All of the grading and excavating for the buildings, the digging of trenches for the soil pipes, water pipes, steam and gas pipes, have been done by patients, with a single attendant to direct them. At the Raynham colony 26 patients have been employed on the farm and in and about the buildings, and next year we expect the number will be at least doubled. It has been said that it is difficult to find employment in a hospital for all those who are able to work, but that has not been our experience. The difficulty has rather been to find patients enough for the various kinds of work done by them, and many more could be employed if we had them. Every new case is studied carefully with reference to his early employment in some department for which he is best fitted, and if in a suitable condition he is placed on one of the working wards, where the public sentiment of the patients is favorable to the development of a working spirit. On the male side of the house we have now three wards devoted to working patients, and on the women's side two wards, the patients receiving extra diet and other considerations, as expressive of the hospital's appreciation of their service. This classification is found to be very helpful in developing workers who would otherwise be disinclined to work.

The trend of this hospital has been each year to give the patients more liberty and freedom, to extend employment for

those who are able to work, and to increase the personal liberty of those who have sufficient self-control to be benefited by it. The tendency is to magnify hospital treatment for the sick and curable cases, and to make the institution, so far as possible, a pleasant home for all those who can appreciate their surroundings. Working on these lines, two wards, one on the women's side and one on the men's side, have been made "open wards," each patient having a parole of the grounds, and going out and coming into the ward during the day at his pleasure. The number of paroled patients has been increased during the year to 230, which is considerably above what it was the year before. The results have been very satisfactory. There were no untoward accidents or misconduct, while a positive benefit to a large number has been very evident. If one can forecast the character of the treatment of the insane in our public institutions in years to come, it seems evident that the reflected influence of the colony system now being carried out by the State, which gives more liberty and more opportunities for employment to the individual patient, will indirectly promote the giving of larger freedom and more occupation to the inmates of the hospital, which is the parent institution of the colony. If this be true, all of the insane in the hospitals will have more intelligent and discriminating care, with less expense to the State, — a result devoutly to be hoped for.

Ten nurses, 6 women and 4 men, were graduated from the training school, after completing the three years' course and passing the necessary examinations successfully. The school has now graduated 6 classes and 48 nurses, — 26 women and 22 men. All of the present supervisors and many of the head nurses in charge of the wards are graduates of the training school, and are doing good work for the hospital.

Since my last annual report to you the home for female nurses has been furnished and occupied; the vegetable house and cellar completed and now in use. In the bakery the old brick oven has been built over and made practically as good as new, and two new eighty-gallon coffee urns have been placed in the kitchen. Considerable painting, both inside and outside, has been done, and four painters are hardly able to keep

the painting of the buildings in good repair. Two carpenters, one mason and four painters are constantly employed in general repairs and that number is absolutely necessary to keep the buildings from retrograding, so extensive have they now become.

The building for male nurses was placed under contract by you in July, Mr. Franklin D. Williams of Taunton being the lowest bidder, and receiving the contract. Since then work on it has been pushed very rapidly, and the building promises to be under cover early in December.

At the Raynham farm the new barn has been completed, the old barn repaired and the carriage house finished ; and the old tool house, in which is a smoke room for patients, has been moved back in line with the other buildings and considerably enlarged, as was necessary from the increased number of patients that use it. Work on the new cottage for patients, of which Mr. A. E. Swasey of Taunton is the architect and Mr. Lewis M. Witherell of Taunton the contractor and builder, is well advanced, and is going on very satisfactorily.

The Leonard farm and buildings adjacent to the hospital farm were leased by you one year ago for three years, with the option to buy them before the expiration of the lease. The house, with slight repairs, has been made into very comfortable quarters for about 10 patients, who room and board there. The tillage part of the farm is being rapidly placed under cultivation, and produced this year an excellent crop of potatoes. The pasture land, most of it shaded by abundant trees, has made a most excellent and healthful place for the herd of cows to graze and spend the day. The whole farm has already become an integral part of the colony, and so necessary to its full success that it is to be hoped the State will not hesitate to purchase it before the expiration of the lease.

Appropriations for the coming year will be needed as follows : For enlarging the laundry building and additional laundry machinery, \$14,000. The present laundry building was built twenty-five years ago, and is now altogether inadequate for the laundering required to be done for so large a number of people as now reside in the hospital. For a farm building to be used for cows with young calves, \$1,600. For a silo for the home farm, with hoisting engine and feed cutter,

\$700. A special appropriation for current expenses the coming year will also be necessary, to meet the extra cost of the increase in the number of nurses and attendants required to reduce the weekly time of service to seventy hours. The time of service has recently been reduced to seventy-nine hours, and when the dining rooms for the nurses are ready to be occupied, which will be about the 1st of February, a further reduction to seventy hours per week can be made. The yearly expense of maintaining the two nurses' homes will be not less than \$2,000, after the home for male nurses is occupied.

The usual number of entertainments were given in the chapel and in the grove. Christmas, being the great day of the year in the hospital, as everywhere in Christendom, was celebrated, as it has been for many years, by a Christmas tree in the chapel, with Christmas music and a present for each patient in the hospital. During the holidays of the following week a miscellaneous entertainment was given by the medical staff, assisted by other members of the household, home entertainments, often being more highly appreciated than imported ones of equal excellence. During the summer four picnics were held in the grove. These were enlivened with music by the home orchestra, games of ball and other athletic exercises. No other entertainments are more popular, and deservedly so; nearly all the patients, with the nurses, attended them, some of the wards being entirely depopulated during the afternoon outing. A social dance was given in the chapel once a week during six months of the year, music being furnished by the hospital orchestra; and several evenings during the winter and spring lectures descriptive of foreign and domestic scenery of special interest were given, illustrated by the stereopticon. About 350 patients attended the Bristol County Fair, free admission having been given to all inmates of the hospital. Several paroled patients were allowed to go unattended, and all safely returned with clean records, much to their credit.

Magazines, newspapers and other reading material have been received from our former trustee, Mr. Milton Reed of Fall River, who still manifests a kindly interest in the hospital and its inmates. Other gifts in the same line have been received from several persons who were too modest to allow their names to be given, but to whom thanks are equally due. The "Daily

Mercury" and "Old Colony Memorial" continue to be received free of charge, but their example, I am sorry to say, has not been followed by other newspapers published in the Commonwealth.

Several changes have occurred in the medical staff: Dr. Tertius C. Wilton, who had been assistant physician above five years, and rendered valuable service, resigned her position, and her place was filled by the appointment of Dr. Florence H. Abbot, who had been four years assistant physician at the Medfield Insane Asylum; Dr. Augustus T. Marshall, medical interne, resigned to accept a position on the medical staff of the Boston Insane Hospital; Dr. Harry M. Lowd, to accept a position as resident physician in a sanatorium in Maine; and Dr. F. Robertson Sims, to take a position in the pathological department of the Boston City Hospital. Each of them did good work here, and merited his promotion. Dr. George K. Butterfield, a graduate of Tufts Medical College, and Dr. H. Walton Wood, a graduate of the University of Maryland, who had also served one year as medical interne at the Worcester Insane Hospital, were appointed medical internes to fill two of the vacancies, the third being still vacant.

Miss Linda Richards, after four years of very efficient and satisfactory service as superintendent of the training school for nurses, resigned her position here the 1st of September, to organize and take charge of a training school in one of the other State institutions; and the State is to be congratulated that it has not lost her services in this highly important work of the hospitals. Miss Harriet M. Seaver, a graduate of the Boston City Hospital Training School for Nurses, who has had large experience in private nursing and in institutional work, has been appointed to succeed Miss Richards.

Again I am glad to express my appreciation of the devoted and efficient service of those associated with me in the care of the patients and the general management of the hospital. To the trustees, for their continued confidence and active support, which has been constant and unremitting, I am very grateful.

JOHN P. BROWN,
Superintendent.

PATHOLOGIST'S REPORT.

The work in the pathological laboratory has been prosecuted according to the plans previously outlined. The investigation of ordinary problems that arise in connection with the clinical work, the application of laboratory methods to clinical investigations, and the studies of the post-mortem pathology, consume the greater part of the time. Special problems have also engaged our attention. To submit a detailed and statistical report of the numerous blood, urine, sputa and other requisite examinations, only adds to the confusion of statistical tables. We endeavor to correlate the work in the laboratory with the clinical work, and ever keep before us the fact that a combined study of the ætiological factors, the symptomatology and the pathological anatomical findings is necessary for an understanding of the morbid process.

Our statistics show the number of deaths as 107 ; on only 28 of these was permission for a post-mortem examination granted. It is unfortunate that our anatomical material is so limited, and that we thus become deprived of the opportunity of investigating one group of the manifestations of the whole disease process. It is to be hoped that a combined effort will result in the desired increase in the number of autopsies.

In the clinical department our constant endeavors are toward a more scientific and accurate study and registration of the all-important clinical manifestations, which it is needless to say are of fundamental significance. Our efforts in this direction we feel are bearing fruit in the stimulated interest in the work and the increasing value of the work done.

The organization of the staff to this end is as follows : Each service, male and female, has two senior physicians. The cases on admission are assigned in rotation, and the physician to whom the patient is assigned then becomes responsible for the

mental and physical examinations in the manner indicated in the last report. Two internes are engaged in the clinical work, one in either service, who work under the guidance of the senior physician and pathologist. The pathologist has general supervision over the clinical records. A third interne is retained as a laboratory assistant, and the other internes are given opportunity for work in that department. Much assistance is received from the nurses, who are given instruction on the observation of patients, and are offered every opportunity to apply such instruction.

In a hospital with almost 500 admissions yearly, and an equally large number of discharges, the task of examining every patient in a sufficiently minute and comprehensive manner as to render the records of value for scientific purposes is of course enormous. The advisability of confining the detailed examination to the more interesting and favorable cases is under consideration. This problem would adjust itself, should the recommendation of the "acute hospital idea" of the State Board of Insanity be enforced.

One of the staff conferences each week is taken up with the report of literature, a generous supply of which is allowed by the Board of Trustees. Inasmuch as the various contributions bearing on our special work have become so great that one is scarcely able to more than glance at it all, we have adopted the method of dividing the various periodicals among the members of the staff, who take their turn in presenting an abstract of the interesting and valuable contributions. In this way we strive to keep in touch with the advanced methods and investigations, and otherwise profit by the recognized advantages of such procedure.

By referring to the table on "Form of mental disease in cases admitted or discharged," etc., it will be noticed that we include 23 cases as undiagnosed. The majority of these comprise cases on which we could not conscientiously offer a diagnosis we would care to substantiate, even though appreciating the tentative character of the classification adopted. It was necessary for obvious reasons to include a few cases admitted near the end of the hospital year. Inconsistencies in the classification are an outcome of the transition to the present method.

During the year the members of the staff have presented papers as follows: two before the local medical society, one on the role of toxins in the production of insanity, another on paranoia; the third was read before the New England Psychological Society, on Korsakoff's psychosis.

Another room has been added to the laboratory equipment, which is used as a library and office, the quarters formerly occupied for that purpose now serving as an annex to the technique room.

HARRY W. MILLER,

Pathologist.

OFFICERS AND THEIR SALARIES.

JOHN P. BROWN, M.D., <i>Superintendent</i> ,	\$3,000 00
ARTHUR V. GOSS, M.D., <i>Assistant Physician</i> ,	1,800 00
BENJAMIN W. BAKER, M.D., <i>Assistant Physician</i> ,	1,200 00
ROY V. BAKETEL, M.D., <i>Assistant Physician</i> ,	900 00
FLORENCE H. ABBOT, M.D., <i>Assistant Physician</i> ,	1,000 00
HARRY W. MILLER, M.D., <i>Assistant Physician and Pathologist</i> ,	1,500 00
JOHN KITTREDGE, <i>Treasurer</i> ,	1,200 00
JAMES C. FLYNN, <i>Engineer</i> ,	1,100 00
FRANK W. BOYNTON, <i>Clerk</i> ,	800 00

VALUATION,

SEPT. 30, 1903.

Land, 272 acres,	\$47,600 00
Hospital buildings,	375,000 00
Brick barn and stable,	8,000 00
New barn,	5,000 00
Laundry buildings,	8,000 00
Industrial building,	12,000 00
Nurses' home building,	35,000 00
Other buildings and wall,	14,000 00
	<hr/>
	\$504,600 00

PERSONAL ESTATE.

Live stock on the farms,	\$10,226 00
Produce of the farms on hand,	6,118 75
Carriages and agricultural implements,	8,802 64
Machinery and mechanical fixtures,	37,000 00
Beds and bedding in inmates' department,	28,449 76
Other furniture in inmates' department,	13,410 30
Personal property of the State in the superintendent's department,	15,847 90
Dry goods and clothing,	6,808 04
Provisions and groceries,	2,593 18
Drugs and medicines,	600 00
Fuel,	4,200 00
Library,	900 00
Other supplies undistributed,	2,915 00
	<hr/>
	137,871 57
	<hr/>
	\$642,471 57

TREASURER'S REPORT.

I respectfully submit the following report of the finances of the institution for the year ending Sept. 30, 1903, to the trustees :—

RECEIPTS.

Balance with State Treasurer Oct. 1, 1902,	\$14,240 96	
Appropriation for support of State patients,	45,630 00	
Placed with the State Treasurer by the State Board of Insanity for the support of patients,	1,363 47	
Placed with the State Treasurer by the State Board of Charity for the support of patients,	515 71	
	<hr/>	\$61,750 14
Collections made from Oct. 1, 1902, to Sept. 30, 1903, and paid to the State Treasurer :—		
From towns,	\$114,768 14	
From individuals,	17,553 66	
From other sources,	5,662 75	
	<hr/>	137,984 55
Total receipts,		\$199,734 69

PAYMENTS.

Total payments, as per detailed statement,	182,180 58
Balance with State Treasurer Sept. 30, 1903,	<hr/> \$17,554 11

FINANCIAL STANDING OF THE HOSPITAL, SEPT. 30, 1903.

Due the institution for board Sept. 30, 1903 :—

From towns,	\$29,681 86	
From individuals,	6,640 46	
Cash on hand Sept. 30, 1903, with State Treasurer,	17,554 11	
	<hr/>	\$53,876 43
Miscellaneous bills due Oct. 1, 1903,	21,205 33	
Balance in favor of the hospital Sept. 30, 1903,	<hr/> \$32,671 10	

DETAILED EXPENSES FOR THE YEAR ENDING SEPT. 30, 1903.

Salaries, wages and labor :—

Medical officers, stenographers and druggist,	\$10,650 72
General administration,	16,897 23
Ward service,	26,425 61
	<hr/>
Amount carried forward,	\$53,973 56

<i>Amount brought forward,</i>		\$53,973 56	
Repairs and improvements,		4,375 87	
Farm, stable and grounds,		8,728 69	
			\$67,078 12
Food : —			
Butter,		\$9,387 89	
Beans,		918 87	
Bread and crackers,		845 31	
Cereals, rice, meal, etc.,		1,306 67	
Cheese,		591 40	
Eggs,		2,840 10	
Flour,		7,193 60	
Fish,		3,029 41	
Fruit,		1,287 26	
Meats,		15,698 68	
Molasses,		629 04	
Sugar,		2,259 76	
Tea, coffee, broma and cocoa,		1,782 53	
Vegetables,		1,359 29	
Sundries,		1,614 12	
			50,743 93
Clothing and clothing material : —			
Boots, shoes and rubbers,		\$251 81	
Clothing,		1,144 47	
Dry goods for clothing and small wares,		1,894 30	
Furnishing goods,		435 89	
Hats and caps,		168 43	
Leather and shoe findings,		528 89	
Sundries,		453 57	
			4,877 36
Furnishings : —			
Beds, bedding, table linen, etc.,		\$4,909 84	
Brushes, brooms, etc.,		322 21	
Carpets, rugs, etc.,		502 05	
Crockery, glassware, cutlery, etc.,		811 70	
Furniture and upholstery,		851 72	
Kitchen furnishings,		459 73	
Wooden ware, buckets, pails, etc.,		127 89	
Sundries,		595 60	
			8,580 74
Heat, light and power : —			
Coal,		\$10,816 28	
Gas,		3,380 88	
Oil,		179 90	
Sundries,		416 61	
			14,793 67
Repairs and improvements : —			
Bricks,		\$107 27	
Cement, lime and plaster,		88 93	
<i>Amounts carried forward,</i>		\$196 20	\$146,073 82

<i>Amounts brought forward,</i>	\$196 20	\$146,073 82
Doors, sashes, etc.,	27 50	
Hardware,	456 11	
Lumber,	884 11	
Machinery,	10 40	
Paints, oils, glass, etc.,	1,613 46	
Plumbing, steam fitting and supplies,	932 71	
Roofing and roofing materials,	148 98	
Mechanics and laborers (not on pay roll),	150 78	
Sundries,	704 86	
		5,125 11
Farm, stable and grounds:—		
Blacksmith and supplies,	\$669 64	
Carriages, wagons and repairs,	733 44	
Fertilizers, vines, seeds, etc.,	1,507 33	
Hay, grain, etc.,	10,572 91	
Harness and repairs,	170 20	
Horses,	583 37	
Cows,	1,979 40	
Other live stock,	186 20	
Rent,	262 87	
Tools, farm machines, etc.,	374 78	
Sundries,	1,536 37	
		18,576 51
Miscellaneous:—		
Books, periodicals, etc.,	\$397 61	
Chapel services and entertainments,	558 39	
Freight, expressage and transportation,	468 18	
Funeral expenses,	152 51	
Hose, etc,	24 50	
Medicines and hospital supplies,	1,930 15	
Medical attendance, nurses, etc.,	89 50	
Postage,	112 86	
Printing and printing supplies,	312 15	
Return of runaways,	79 16	
Soap and laundry supplies,	855 00	
Stationery and office supplies,	654 57	
School books and school supplies,	129 90	
Travel and expenses (officials),	384 21	
Telephone and telegraph,	358 21	
Tobacco,	763 43	
Water,	2,690 22	
Pathology,	348 38	
Sundries,	2,096 21	
		12,405 14
Total expenditures,		\$182,180 58
Dividing this sum by 951.8, the average number of patients,		
we have the annual cost of each patient,		\$191 41
And the average weekly cost of		3 68

FINANCIAL STATEMENT.

Of the appropriation made by the Legislature of 1901 for the construction, furnishing and equipping a building for nurses : —

Amount of appropriation,	\$39,000 00
Drawn to Sept. 30, 1902,	\$29,169 89
Since drawn to Sept. 30, 1903,	9,830 11
	<hr/> \$39,000 00

Of the appropriation made by the Legislature of 1902 for the construction and equipment of a barn and silo at the Raynham farm, in enlarging the bakery, in building a cellar and house for storage purposes, in the installation of laundry machinery and in making other minor improvements : —

Amount of appropriation,	\$18,000 00
Drawn to Sept. 30, 1902,	\$4,099 35
Since drawn to date, viz. : —	
Construction of barn and silo,	\$8,746 90
Enlarging bakery,	1,318 74
Laundry machinery,	92 57
Kitchen supplies,	273 77
Repairing cow barn,	73 01
Cellar and house for storage purposes,	1,843 98
Other minor improvements,	1,551 68
	<hr/> 13,900 65
	<hr/> \$18,000 00

Of the appropriation made by the Legislature of 1903 for the construction, furnishing and equipping a building for nurses, a cottage at the Raynham colony, enlarging the dining rooms, purchase of a new heater, circulating tank and pump, and purchase of land : —

Amount of appropriation,	\$81,300 00
Drawn to date, viz. : —	
Nurses' home,	\$4,206 50
Cottage at Raynham colony,	493 84
Enlarging dining rooms,	1,595 30
Purchase of land,	300 00
	<hr/> 6,595 64
Balance of appropriation,	\$74,704 36

JOHN KITTREDGE,

Treasurer.

RAYNHAM FARM PRODUCTS.

VALUE OF RAYNHAM FARM PRODUCTS FROM OCT. 1, 1902, TO OCT. 1, 1903.

102,631	quarts milk,	\$4,618 39
1,187	dozen eggs,	318 07
43 $\frac{1}{4}$	dozen duck eggs,	8 88
1,467	pounds pork,	121 79
362	pounds fowl and chicken,	53 39
31 $\frac{1}{2}$	pounds ducks,	5 67
20	calves,	55 50
1	bull,	65 00
8	cows,	266 76
1	horse,	40 00
1,508	bushels potatoes,	1,114 70
425	bushels small potatoes,	170 00
691 $\frac{3}{4}$	bushels turnips,	345 81
10	bushels tomatoes,	7 50
9 $\frac{1}{2}$	bushels pears,	4 75
5	bushels spinach,	2 50
2 $\frac{1}{2}$	bushels beet greens,	1 00
96 $\frac{1}{4}$	bushels peas,	144 38
46 $\frac{1}{2}$	bushels string beans,	40 85
59 $\frac{1}{2}$	bushels carrots,	44 63
65	bushels beets,	48 75
22 $\frac{1}{2}$	bushels onions,	19 12
32 $\frac{1}{2}$	bushels sweet corn (ears),	29 50
6	egg plants,	63
150	pounds pop corn,	6 00
964	quarts strawberries,	87 71
125	quarts currants,	12 50
476	quarts raspberries,	47 60
20	quarts blackberries,	2 40
136 $\frac{1}{2}$	barrels cabbage,	89 98
3	barrels summer squash,	3 75

HOME FARM PRODUCTS.

VALUE OF FARM PRODUCE FROM OCT. 1, 1902, TO OCT. 1, 1903.

208,915	quarts milk,	\$9,401 18
11,470	pounds beef, hide and tallow,	679 32
1	cow,	45 00
1	pair oxen,	165 00
19,816	pounds pork, 80 animals,	1,782 00
314	pigs,	1,745 03
4,968	pounds grease,	148 04
33	calves,	66 00
488 $\frac{1}{3}$	dozen eggs,	130 99
98 $\frac{1}{2}$	pounds poultry,	17 73
22,526	pounds squash,	450 52
11	bushels onions,	9 35
70	bushels peas,	105 00
20	barrels apples,	40 00
25,000	ears corn,	375 00
52	tons corn fodder,	260 00
86	tons hay,	1,462 00
1,200	bushels mangels,	600 00
100	bushels beets,	75 00
100	bushels carrots,	75 00
100	bushels parsnips,	75 00
300	bushels turnips,	150 00
50	bushels sugar beets,	25 00
	celery,	100 00
	onions,	4 00
1,060	pounds asparagus,	197 00
2,950	pounds rhubarb,	88 50
470	bunches radishes,	23 50
12,700	heads lettuce,	317 50
143	bushels spinach,	71 50
356	boxes strawberries,	55 00

125	bushels beans,	.	.	.	.	.	.	.	\$125 00
6,800	bunches beets,	.	.	.	.	.	.	.	340 00
760	cucumbers,	.	.	.	.	.	.	.	38 00
270	bushels tomatoes,	.	.	.	.	.	.	.	205 50
	cress,	.	.	.	.	.	.	.	2 00
185	pounds tomatoes,	.	.	.	.	.	.	.	11 80
$\frac{1}{2}$	bushel pickle cucumbers,	.	.	.	.	.	.	.	1 00
275	cabbages,	.	.	.	.	.	.	.	22 50
30	egg plants,	.	.	.	.	.	.	.	3 00
25	musk melons,	.	.	.	.	.	.	.	2 00
140	bunches parsley,	.	.	.	.	.	.	.	7 00
10	bushels peppers,	.	.	.	.	.	.	.	15 00
210	bunches onions,	.	.	.	.	.	.	.	10 50
100	bunches mint,	.	.	.	.	.	.	.	5 00

WORK DONE IN THE INDUSTRIAL BUILDING

FROM OCT. 1, 1902, TO OCT. 1, 1903.

134 pairs men's lace shoes made.	113 pairs women's slippers re- paired.
106 pairs men's bluchers made.	46 pairs women's shoes rubber heeled.
36 pairs men's brogans made.	185 coats repaired.
290 pairs men's leather slippers made.	75 overcoats repaired.
150 pairs men's cloth slippers made.	12 reefers repaired.
21 pairs women's shoes made.	229 pairs pants repaired.
252 pairs women's cloth slippers made.	194 vests repaired.
80 pairs women's leather slippers made.	357 coats pressed.
134 pairs pants made.	398 pairs pants pressed.
33 vests made.	236 vests pressed.
2 boys' suits made.	34 overcoats pressed.
34 shirts made.	70 blankets repaired.
65 pairs overalls made.	4 art squares repaired.
25 jumpers made.	88 camisoles repaired.
34 camisoles made.	28 baskets repaired.
5 combination suits made.	6 pairs suspenders repaired.
28 rubber aprons made.	7 bed harnesses repaired.
138 cloth mittens made.	10 carpets repaired.
36 canvas mittens made.	9 clocks repaired.
74 door mats made.	2 horse blankets repaired.
8 room rugs made.	2 halters repaired.
71 mitten straps made.	8 bed straps repaired.
12 bed harness straps made.	4 harness straps repaired.
8 aprons made.	3 hot water bottles repaired.
243 pairs men's shoes tapped.	29 rubber aprons repaired.
300 pairs men's shoes heeled.	38 base balls repaired.
203 pairs men's shoes sewed.	3 base ball mits repaired.
3,244 pairs men's slippers repaired.	2 base ball bats repaired.
42 pairs men's rubber boots re- paired.	18 chairs caned.
72 pairs women's shoes tapped.	23 chairs basket-seated.
43 pairs women's shoes heeled.	224 chairs varnished.
46 pairs women's shoes patched.	194 chairs repaired.
	952 brushes drawn for house.
	2,676 brushes drawn.

WORK DONE IN THE UPHOLSTERING DEPARTMENT OF THE INDUSTRIAL BUILDING

FROM OCT. 1, 1902, TO OCT. 1, 1903.

635 mattresses made.	1 rocking chair.
700 pillows made.	1 student chair.
605 mattresses renovated.	1 parlor chair.
650 pillows renovated.	1 barber chair.
900 pounds curled hair hand picked.	6 hassocks.
47 settee cushions.	2 barber chairs repaired.
14 chair cushions.	1 sofa repaired.
3 easy chairs.	1 lounge repaired.

WORK DONE ON THE WARDS

FROM OCT. 1, 1902, TO OCT. 1, 1903.

1,678 sheets.	96 ticking aprons.
764 pillow slips.	85 pairs men's suspenders.
1,522 bath towels.	69 men's cotton shirts.
518 linen towels.	55 pairs men's drawers.
313 single roller towels.	63 table napkins.
58 bath cloths.	169 draw sheets.
200 pillow ticks.	202 sick cloths.
30 bread cloths.	99 gingham aprons.
63 commode covers.	246 pairs women's cotton draw- ers.
80 stand covers.	4 strainers.
135 table cloths.	1 dust cloth.
164 knitted cleaning cloths.	264 women's cotton skirts.
4 pairs women's knitted hose.	428 bibs.
18 holders.	136 bureau covers.
75 pairs wristers.	104 laundry bags.
130 rugs hemmed.	

WORK DONE IN THE SEWING ROOM

FROM OCT. 1, 1902, TO OCT. 1, 1903.

484 wrappers.	4 corset covers.
11 dresses.	72 hall laundry bags.
4 chapel dresses.	24 mattings bound.
1 silk dress.	21 hassock ticks.
1 black dress skirt.	12 hall cushion covers.
10 dress skirts.	31 rugs hemmed.
43 strong gingham dresses.	2 covers for hot-water bags.
29 strong dresses.	106 pairs women's cotton flannel drawers.
16 strong jackets.	25 pairs men's cotton flannel drawers.
15 strong skirts.	136 gingham skirts.
8 pairs strong dress sleeves.	1 white skirt.
72 camisoles.	100 sick shirts.
18 pairs camisole sleeves.	154 white curtains.
24 pairs night dress sleeves.	40 sash curtains.
14 pairs surgical stockings.	55 nurses' apron bibs.
3 women's undervests.	270 nurses' aprons.
12 dressing bags.	75 white aprons.
3 coverings for splints.	508 nurses' caps.
12 bandages.	2 skull caps.
1 breast bandage.	12 pairs mittens.
6 egg bags.	26 pairs drawers.
3 leather chair covers.	108 short night dresses.
18 bread covers.	146 long night dresses.
14 table covers.	11 shirt waists.
57 commode covers.	10 belts.
22 table cloths.	2 basques.
64 sick cloths.	13 ticking aprons.
82 table napkins.	3 men's shirts.
14 coffee strainers.	73 draw sheets.
29 chair covers.	685 sheets.
42 chair ticks.	721 pillow slips.
285 pillow ticks.	280 nurses' towels.
168 mattress ticks.	368 bath towels.
3 mattress ticks bound.	
4 double mattress ticks.	

MENDING DONE IN THE SEWING ROOM

FROM OCT. 1, 1902, TO OCT. 1, 1903.

787 pairs of pants.	353 coats.
2,700 pairs of drawers.	7 combination suits.
282 pairs of overalls.	34 night shirts.
4,110 pairs of stockings.	20 restraint sheets.
2,331 colored shirts.	4 neck pieces for sheets.
104 short shirts.	24 overcoats.
1,740 under shirts.	14 spreads.
165 white shirts.	20 ticking aprons.
39 jumpers.	32 hall laundry bags.
435 bibs.	158 camisoles.
219 vests.	41 strong dresses.
216 summer coats.	975 hay beds.

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

1. — General Statistics of the Year.

[illegible]

2. — Monthly Admissions, Discharges and Averages.

MONTHS.	ADMISSIONS.			DISCHARGES.			DEATHS.			DAILY AVERAGE OF PATIENTS IN THE HOUSE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1902.												
October, .	11	18	29	15	45	60	4	5	9	476.5	482.0	958.5
November, .	21	17	38	17	15	32	6	3	9	469.0	470.5	939.5
December, .	29	21	50	9	7	16	10	4	14	474.2	476.1	950.3
1903.												
January, .	21	11	32	12	12	24	5	5	10	481.6	479.7	961.3
February, .	32	14	46	11	33	44	2	2	4	488.9	469.4	958.3
March, .	19	21	40	29	13	42	4	5	9	493.0	459.0	952.0
April, .	15	14	29	23	13	36	6	1	7	476.4	458.0	934.4
May, .	21	23	44	11	12	23	5	2	7	471.0	459.7	930.7
June, .	22	26	48	11	12	23	6	5	11	475.6	470.2	945.8
July, .	22	21	43	12	14	26	7	4	11	480.5	475.5	956.0
August, .	22	14	36	10	11	21	2	6	8	485.8	473.3	959.1
September, .	14	16	30	10	16	26	6	2	8	493.4	472.0	965.4
Total of cases, .	249	216	465	170	203	373	63	44	107	-	-	-
Total of persons, .	247	209	456	169	202	370	63	44	107	-	-	-
Daily average, .	-	-	-	-	-	-	-	-	-	480.6	470.5	951.8

3. — Received on First and Subsequent Admissions.

NUMBER OF THE ADMISSION.	CASES ADMITTED.			TIMES PREVIOUSLY RECOVERED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	214	161	375	—	—	—
Second,	26	35	61	4	14	18
Third,	4	10	14	3	9	12
Fourth,	4	3	7	8	6	14
Fifth,	—	4	4	—	4	4
Seventh,	—	2	2	—	2	2
Sixteenth,	—	1	1	—	13	13
Twentieth,	1	—	1	19	—	19
Total of cases, . . .	249	216	465	34	48	82
Total of persons, . . .	247	209	456	34	47	81

4. — Relations to Hospitals of Cases admitted.

HOSPITAL RELATIONS.	Males.	Females.	Totals.
Never before in any hospital for insane, . . .	189	144	333
Former inmates of this hospital only, . . .	30	49	79
Former inmates of other hospitals only: —			
Beaufort, Can.,	1	—	1
Boston Insane Hospital,	1	1	2
Bridgewater State Farm,	4	—	4
Butler, R. I.,	—	3	3
Butler, R. I., and Worcester Insane Hos- pital,	1	—	1
Danvers,	—	2	2
Danvers and Foxborough,	2	—	2
Danvers, Foxborough and Westborough, . .	1	—	1
Danvers and Westborough,	—	1	1
England,	1	1	2
Foxborough,	2	—	2
Foxborough and Tewksbury,	1	—	1
Howard, R. I.,	2	—	2
Landis, N. J., Norristown, Pa., and Tren- ton, N. J.,	1	—	1
McLean,	—	2	2
McLean and Middletown, N. Y.,	1	—	1
Medfield and Worcester Insane Hospital, .	1	1	2
Middletown, Conn.,	1	—	1
Russia,	1	—	1
School for the Feeble-minded, Waltham, .	2	—	2
Stockton, Cal.,	—	1	1
Wellesley Nervine,	—	1	1
Westborough,	—	2	2
Worcester Insane Hospital,	3	2	5
Former inmates of this and other hospitals: —			
Boston, Chicago and Westborough, . . .	—	1	1
Boston, McLean and Westborough, . . .	1	—	1
Danvers, Nova Scotia and Worcester In- sane Hospital,	—	1	1
Danvers, Westborough and Worcester Asylum,	—	1	1
Foxborough,	2	—	2
Middletown, Conn,	—	1	1
Westborough,	—	1	1
Worcester Insane Hospital,	1	1	2
Total of cases,	249	216	465
Total of persons,	247	209	456

5. — *Nativity and Parentage of Persons admitted.*

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts,	95	40	47	67	26	28	162	66	75
Other States :—									
Connecticut,	2	2	1	1	1	-	3	3	1
Delaware,	-	-	-	1	1	1	1	1	1
Georgia,	1	-	-	1	-	-	2	-	-
Maine,	7	11	11	6	8	8	13	17	17
Maryland,	1	-	-	-	-	-	1	-	-
Michigan,	2	1	-	-	-	-	2	1	-
Mississippi,	1	-	-	-	-	-	1	-	-
New Hampshire,	3	2	3	-	-	1	3	2	4
New Jersey,	-	-	1	2	-	-	2	-	1
New York,	5	4	-	4	2	2	9	6	2
North Carolina,	1	-	-	-	-	-	1	-	-
Pennsylvania,	-	-	-	1	-	-	1	-	-
Rhode Island,	2	2	2	5	4	4	7	6	6
South Carolina,	-	-	-	1	1	1	1	1	1
United States,	-	1	1	-	2	1	-	3	2
Vermont,	4	6	3	3	3	3	7	9	6
Virginia,	-	-	-	1	-	-	1	-	-
Wisconsin,	1	-	-	-	-	-	1	-	-
Other countries :—									
Austria,	-	1	1	1	-	-	1	1	1
Azores,	4	5	4	5	4	4	9	9	8
Bohemia,	2	1	1	-	1	1	2	2	2
Canada,	28	21	23	27	15	17	55	36	40
Cape Verde Islands,	1	1	1	-	-	-	1	1	1
China,	2	2	2	-	-	-	2	2	2
England,	19	18	18	19	15	14	38	33	32
Finland,	3	2	2	-	-	-	3	2	2
Germany,	3	2	2	2	8	5	5	8	7
Greece,	1	2	2	-	-	-	1	2	2
Hungary,	1	1	1	-	-	-	1	1	1
Ireland,	35	67	65	44	67	65	79	134	130
Italy,	3	3	4	-	-	-	3	3	4
Mexico,	-	-	-	-	1	-	-	1	-
Norway,	-	1	-	1	1	-	1	2	-
Poland,	3	2	2	1	-	-	4	2	2
Portugal,	1	1	1	1	1	1	2	2	2
Russia,	6	5	4	3	1	1	9	6	5
Russian Poland,	-	1	1	-	-	-	-	1	1
Scotland,	3	5	5	2	8	9	5	13	14
Spain,	-	1	1	1	-	-	1	1	1
Sweden,	3	2	2	3	3	3	6	5	5
Switzerland,	-	-	-	1	-	-	1	-	-
Turkey,	1	1	1	-	-	-	1	1	1
Wales,	-	1	1	1	-	1	1	1	2
West Indies,	-	1	-	1	1	1	1	2	1
Unknown,	3	31	34	3	39	40	6	70	74
Totals,	247	247	247	209	209	209	456	456	456

6. — Residence of Persons admitted.

PLACES.	Males.	Females.	Totals.
Barnstable County,	11	8	19
Bristol County,	122	108	230
Dukes County,	1	—	1
Middlesex County,	1	—	1
Nantucket County,	5	1	6
Norfolk County,	31	25	56
Plymouth County,	32	30	62
Suffolk County,	44	37	81
Totals,	247	209	456
Viz.: Cities or towns,*	175	157	332
Country districts,	72	52	124

* Containing not less than 10,000 inhabitants.

7.—Civil Condition of Cases admitted.

NUMBER OF THE ADMISSION.	UNMARRIED.			MARRIED.			WIDOWED.			DIVORCED.			UNKNOWN.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . .	100	66	166	83	67	150	23	27	50	3	-	3	5	1	6	214	161	375
Second, . . .	13	10	23	11	17	28	2	8	10	-	-	-	-	-	-	26	35	61
Third, . . .	2	3	5	2	4	6	-	3	3	-	-	-	-	-	-	4	10	14
Fourth, . . .	2	2	4	1	-	1	1	1	2	-	-	-	-	-	-	4	3	7
Fifth, . . .	-	2	2	-	1	1	-	1	1	-	-	-	-	-	-	-	4	4
Seventh, . . .	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	2	2
Sixteenth, . . .	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
Twentieth, . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Total of cases, . . .	118	83	201	97	92	189	26	40	66	3	-	3	5	1	6	249	216	465
Total of persons, . . .	117	83	200	96	88	184	26	37	63	3	-	3	5	1	6	247	209	456

8. — *Occupations of Persons admitted.*

MALES.	
Barber,	1
Bar-tender,	1
Blacksmiths,	3
Boiler maker,	1
Brick maker,	1
Brick mason,	1
Burnisher,	1
Butchers,	2
Box tender,	1
Canvasser,	1
Carpenters,	8
Coachman,	1
Contractor and grader,	1
Coppersmith,	1
Electricians,	3
Expressman,	1
Farmers,	13
Fisherman,	1
Flagman,	1
Florist,	1
Gardener,	1
Granite cutter,	1
Gun maker,	1
Hostlers,	4
Iron worker,	1
Janitors,	3
Jewellers,	2
Junk collector,	1
Laborers,	48
Lather,	1
Laundrymen,	2
Lawyer,	1
Longshoreman,	1
Machinists,	7
Mail carrier,	1
Marine,	1
Mariners,	7
Manufacturer,	1
Mason tender,	1
Milk dealer,	1
Mill operatives,	28
Mill overseer,	1
Ministers,	2
Moulders,	2
Night watchman,	1
No occupation,	25
Painters,	7
Peddler,	1
Physician,	1
Piano dealer,	1
Piano worker,	1
Printer,	1
Quarryman,	1
Restaurant keeper,	1
Sail maker,	1
Salesmen,	5
Shoe operatives,	18
Steam fitter,	1
Steward,	1
Stone mason,	1
Students,	3
Tailors,	2
Tanner,	1
Teacher,	1
Teamsters,	6
Tripe cleaner,	1
Unknown,	2
Wood worker,	1
Total,	247

8. — *Occupations of Persons admitted* — Concluded.

FEMALES.

Cooks,	4	No occupation,	13
Domestics,	23	Nurse,	1
Housekeepers,	7	Seamstresses,	2
Housewives,	10	Shoe operatives,	2
Ironer,	1	Stenographer,	1
Lodging house keeper,	1	Student,	1
Milliner,	1	Teachers,	5
Mill operatives,	19	Unknown,	2

WIFE OR DAUGHTER OF —

Apothecary,	1	Mariner,	1
Baker,	1	Masons,	2
Blacksmiths,	4	Mechanics,	3
Boiler maker,	1	Miller,	1
Brittannia worker,	1	Mill operatives,	14
Brick mason,	1	Milk dealer,	1
Brick maker,	1	Minister,	1
Cabinet maker,	1	Motorman,	1
Carpenters,	7	Painters,	2
Cigar maker,	1	Paper hangers,	2
Coachman,	1	Pension agent,	1
Commercial traveller,	1	Photographer,	1
Conductor,	1	Plasterer,	1
Farmers,	13	Railroad flagman,	1
Fishermen,	3	Salesmen,	4
Freight handler,	1	Saloon keeper,	1
Granite polisher,	1	Section hands,	2
Grocer,	1	Ship fitter,	1
Hostler,	1	Shoe operatives,	8
Iron moulder,	1	Steam fitter,	1
Jewellers,	3	Stevedore,	1
Junk dealer,	1	Stone mason,	1
Laborers,	11	Tailor,	1
Lamplighter,	1	Teamsters,	3
Lather,	1		
Mackintosh maker,	1	Total,	209

9.—Probable Causes of Disease in Persons admitted.

CAUSES.	PERSONS ADMITTED.						INSANE.					
	INSANE.			HABITUAL DRUNKARDS.			PREVIOUS ATTACKS.			HEREDITARY PREDISPOSITION.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Physical.</i>												
Acute nephritis,	-	2	2	-	-	-	-	-	-	-	-	-
Alcoholic intemperance,	44	28	72	-	4	4	6	14	20	1	-	1
Alcoholic intemperance and morphinism,	1	-	1	-	-	-	-	-	-	-	-	-
Alcoholic intemperance and tuberculosis,	1	-	1	-	-	-	-	-	-	-	-	-
Arterio sclerosis,	1	-	1	-	-	-	-	-	-	-	-	-
Arthritis deformans,	1	-	1	-	-	-	-	-	-	-	-	-
Basedow's disease,	-	1	1	-	-	-	-	-	-	-	-	-
Cerebral hemorrhage,	2	1	3	-	-	-	-	-	-	-	-	-
Congenital,	10	15	25	-	-	-	-	-	-	-	2	2
Epilepsy,	9	2	11	-	-	-	-	-	-	-	-	-
Heredity,	15	31	46	-	-	-	-	31	31	15	34	49
Ill health,	-	2	2	-	-	-	-	2	2	-	-	-
Injury to head,	1	-	1	-	-	-	2	-	2	-	-	-
La grippe,	1	-	1	-	-	-	-	-	-	-	-	-
Menopause,	-	7	7	-	-	-	-	2	2	-	1	1

[illegible]

10. — *Record of Cases admitted within the Year.*

PATIENTS.	INSANE.			HABITUAL DRUNKARDS.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Admitted,	249	212	461	—	4	4	249	216	465
Discharged recovered,	26	24	50	—	—	—	26	24	50
much improved,	28	12	40	—	1	1	28	13	41
improved,	17	18	35	—	1	1	17	19	36
not improved,	11	12	23	—	—	—	11	12	23
Died,	27	15	42	—	—	—	27	15	42
Remaining Sept. 30, 1903,	140	137	277	—	2	2	140	139	279
Number likely to recover,	27	29	56	—	—	—	27	29	56
Number likely to improve,	45	40	85	—	4	4	45	44	89

11. — *Ages of Insane at First Attack, Admission and Death.*

AGES.	PERSONS FIRST ADMITTED TO ANY HOSPITAL.			PERSONS DIED.						
	AGE AT FIRST ATTACK.			AGE AT FIRST ATTACK.			AGE AT TIME OF DEATH.			
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	
Congenital,	7	6	13	-	-	-	4	-	-	-
15 years and less,	-	1	1	3	4	-	-	-	-	-
From 15 to 20 years,	-	6	6	1	7	-	1	-	-	-
20 to 25 years,	15	11	26	13	9	22	3	-	-	1
25 to 30 years,	21	10	31	25	10	35	7	-	-	7
30 to 35 years,	22	22	44	28	22	50	8	4	3	10
35 to 40 years,	17	11	28	23	13	36	12	6	4	25
40 to 50 years,	30	23	53	39	30	69	17	11	8	20
50 to 60 years,	19	12	31	26	19	45	13	8	6	17
60 to 70 years,	9	18	27	12	19	31	10	6	8	18
70 to 80 years,	8	6	14	13	8	21	8	5	4	9
Over 80 years,	2	4	6	3	6	9	4	-	-	-
Unknown,	39	14	53	3	1	4	20	-	-	-
Total of persons,	189	144	333	189	144	333	63	44	107	107
Mean ages,	41.6	43.1	42.3	42.3	44.3	43.2	50.8	45.5	56.6	56.6

12. — Reported Duration of Disease before Last Admission.

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . .	7	6	13	3	6	9	10	12	22
Under 1 month, . .	46	29	75	1	—	1	47	29	76
From 1 to 3 months, .	24	17	41	2	—	2	26	17	43
3 to 6 months, .	12	14	26	2	4	6	14	18	32
6 to 12 months, .	18	7	25	2	3	5	20	10	30
1 to 2 years, .	12	19	31	11	6	17	23	25	48
2 to 5 years, .	21	27	48	15	16	31	36	43	79
5 to 10 years, .	7	14	21	6	5	11	13	19	32
10 to 20 years, .	5	4	9	4	5	9	9	9	18
Over 20 years, . .	—	1	1	2	6	8	2	7	9
Unknown, . . .	36	9	45	13	18	31	49	27	76
Total of cases, .	188	147	336	61	69	130	249	216	465
Total of persons, .	188	147	336	59	62	121	247	209	456
Average in years, .	12.6	3.3	3	5.5	10.9	8.2	3.3	5.5	4.4

13. — Form of Mental Disease in Cases admitted or discharged, with Condition on Discharge.

FORM OF DISEASE.	CASES ADMITTED.			CASES DISCHARGED.												TOTALS.		
	Males.	Females.	Totals.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.		
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —																		
Imbecility,	9	7	16				1		1	6	5	11	1	8	9	1	1	2
Psychopathic inferiority,	2	7	9							2		2			4	1	1	2
Dementia, præcox,	63	51	114	1	4	19	15		36	17	19	3	15	7	22	5	3	8
Dementia, præcox (katatonic phase),	9		9	1		1			1	3		3	1		1	1		1
Katatonla,				1	1	2	1	1	2						1	2		2
Dementia, secondary,	1		1												7	2		2
Dementia, chronic,															1	1		1
Paranoia,	3	13	16				2		2	2	8	10	1	23	24		3	3
Paranoic condition,	2	4	6		1	1			1		3	3	3	2	5		1	1
Involution psychosis,		4	4			2	2		2		1	1	2	1	1			
Senile dementia,	19	22	41						3	3	3	3	2	6	8	14	7	21
General paralysis,	29	7	36				3		3	2	4	6	6	4	10	14	8	22
Organic brain disease,	4	2	6				1	2	1	1	1	1	1		1	6	3	9
Manic-depressive insanity, excited phase,	20	25	45	5	15	20	2	2	4	3	2	5		1	1	1	4	5
" " " depressed phase,																		
" " " mixed phase,	11	20	31	1	10	11	5	6	11	2	2	4	2	2	4	1	2	3
Mania, acute,																		
" " " chronic,				1		1												
Melancholia,																		
acute,		1	1					1	1									
chronic,																		
involution,																		
senile,	8	5	13				1		1									
Toxic insanity, chronic morphinism,	1		1															
acute alcoholism,	84	13	97				6	1	7	2	1	3	1	1	2	36	18	54
chronic alcoholism,	6	12	18				5	10	15	3	1	4	2	3	5	10	14	24

14. — Discharges, classified by Admission and Result.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane: —																		
First, .	32	35	67	44	19	63	40	46	86	37	62	99	56	36	92	209	198	407
Second, .	2	8	10	1	4	5	5	5	10	2	7	9	5	2	7	15	26	41
Third, .	-	1	1	2	-	2	3	1	4	-	2	2	1	1	2	6	5	11
Fourth, .	-	-	-	-	1	1	-	1	1	1	1	2	-	4	4	1	7	8
Fifth, .	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1	1
Seventh, .	-	-	-	-	2	2	-	-	-	-	1	1	-	1	1	-	4	4
Ninth, .	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	1
Fifteenth, .	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1	1
Twentieth, .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
B. — Habitual drunkards: —																		
First, .	-	-	-	-	3	3	-	2	2	-	-	-	-	-	-	-	5	5
Total of cases, .	35	44	79	47	29	76	48	57	105	40	73	113	63	44	107	233	247	480
Total of persons, .	35	43	78	47	29	76	48	57	105	39	73	112	63	44	107	231	245	476

15. — Causes of Death.

CAUSES.	INSANE.		
	Males.	Females.	Totals.
<i>Nervous System:—</i>			
Dementia, senile,	2	4	6
Cerebral hemorrhage,	1	—	1
and chronic dementia,	—	1	1
and diabetes mellitus,	1	—	1
and organic brain disease,	1	3	4
and senile dementia,	—	1	1
and senile melancholia,	1	—	1
General paralysis,	11	7	18
Epileptic convulsions and epileptic insanity,	2	1	3
Organic brain disease,	1	—	1
Delirium, acute, with fatty degeneration of heart and ulcerated endarteritis,	—	1	1
<i>Respiratory System:—</i>			
Pulmonary tuberculosis and dementia præcox,	1	—	1
and epilepsy,	1	—	1
and malarial fever,	1	—	1
and senile dementia,	1	—	1
acute, and manic-depressive in- sanity,	1	—	1
Pulmonary œdema,	1	1	2
Broncho-pneumonia and epilepsy,	1	—	1
and erysipelas,	1	—	1
and organic brain disease,	1	—	1
and senile dementia,	—	1	1
Lobar pneumonia,	2	—	2
acute,	—	1	1
and cerebral hemorrhage,	1	—	1
and dementia præcox,	1	—	1
and general paralysis,	3	—	3
and manic-depressive insanity,	—	1	1
Empyema and chronic mania,	—	1	1
Gangrene of lung,	1	—	1
<i>Digestive System:—</i>			
Carcinoma of cæcum,	—	1	1
of liver,	1	—	1
of stomach,	1	—	1
Cirrhosis of liver and hemorrhagic pancreatitis,	—	1	1
Enteritis, acute, and senile dementia,	1	—	1
Gastro-enteritis and senile dementia,	—	1	1
Gastric ulcer and hemorrhage,	—	1	1
Intestinal catarrh, acute, and dementia præcox,	—	1	1
and chronic mania,	—	1	1
Nephritis and senile dementia,	1	—	1
and senility,	1	—	1
acute,	2	1	3
acute, and dementia præcox,	1	—	1
Peritonitis and senile dementia,	1	—	1

15. — *Causes of Death* — Concluded.

CAUSES.	INSANE.		
	Males.	Females.	Totals.
<i>Circulatory System :—</i>			
Arterio sclerosis and cerebral hemorrhage,	2	—	2
and dementia præcox (katatonic phase),	1	—	1
and hemorrhage,	1	—	1
and senility,	1	—	1
Valvular heart disease,	2	—	2
and arterio sclerosis,	1	—	1
<i>Genito-urinary System :—</i>			
Cystitis and paranoia,	—	1	1
and secondary dementia,	1	—	1
and senile dementia,	1	—	1
Pyelocystitis and acute mania,	1	—	1
Uremia,	—	1	1
and chronic cystitis,	1	—	1
<i>General System :—</i>			
Exhaustion from acute alcoholism,	1	—	1
from acute melancholia,	—	1	1
from delirium tremens,	1	—	1
from involution melancholia,	—	1	1
from paranoia,	—	2	2
from nephritis, and manic-depressive insanity,	—	1	1
Gangrene of feet, and manic-depressive insanity,	—	1	1
General tuberculosis and chronic mania,	—	1	1
Intermittent fever and general paralysis,	—	1	1
Infection psychosis,	—	1	1
Pernicious anæmia and dementia præcox,	—	1	1
Rheumatism, chronic articular, and circular insanity,	—	1	1
Septicæmia and senile dementia,	1	—	1
Suicide,	2	1	3
Totals,	63	44	107

16. — Recoveries, classified by Duration of Disease and Treatment.

PERIOD.	LAST ATTACK.						ALL ATTACKS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION MENTAL DISEASE.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Insane:—												
Under 1 month, . . .	18	16	34	5	1	6	1	—	1	5	1	6
From 1 to 3 months, . . .	5	6	11	16	17	33	10	7	17	15	13	28
3 to 6 months, . . .	1	4	5	10	10	20	9	8	17	10	12	22
6 to 12 months, . . .	2	4	6	1	10	11	4	10	14	1	12	13
1 to 2 years, . . .	—	4	4	2	5	7	2	6	8	2	5	7
2 to 5 years, . . .	2	3	5	—	—	—	1	6	7	1	—	1
5 to 10 years, . . .	—	3	3	—	1	1	—	3	3	1	1	1
10 to 20 years, . . .	1	—	1	—	—	—	1	—	1	—	—	—
Over 20 years, . . .	—	—	—	1	—	1	1	—	1	1	—	1
Unknown, . . .	6	4	10	—	—	—	6	4	10	6	5	11
Total of cases, . . .	35	44	79	35	44	79	35	44	79	35	44	79
Total of persons, . . .	35	43	78	35	43	78	35	43	78	35	43	78
Average of known cases (in months), . . .	8.4	8.2	8.3	10.3	10.7	10.5	20.4	16.2	16.5	23.4	1.7	6.2

17. — Deaths, classified by Duration of Disease and Treatment.

PERIOD.	LAST ATTACK.						ALL ATTACKS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			• WHOLE DURATION OF ATTACK.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Insane : —												
Congenital,	3	1	4	—	—	—	3	1	4	—	—	—
Under 1 month,	11	6	17	17	5	22	6	—	6	17	5	22
From 1 to 3 months,	2	3	5	6	5	11	1	3	4	6	5	11
3 to 6 months,	6	4	10	6	1	7	3	—	3	6	1	7
6 to 12 months,	1	—	1	6	5	11	2	1	3	6	5	11
1 to 2 years,	9	5	14	6	11	17	6	3	9	6	10	16
2 to 5 years,	10	5	15	11	10	21	13	11	24	13	12	25
5 to 10 years,	7	3	10	8	3	11	11	5	16	11	4	15
10 to 20 years,	1	9	10	1	4	5	5	7	12	5	8	13
Over 20 years,	—	2	2	2	—	2	—	5	5	2	3	5
Unknown,	13	6	19	—	—	—	13	6	19	13	—	—
Totals,	63	44	107	63	44	107	63	44	107	63	44	107
Average of known cases (in months),	32.6	75.2	51.3	32.2	32.8	32.5	91.6	106.5	98.1	91.7	116.5	102.3
										33.5	70.8	48.9

[illegible]

Totals,

[illegible]

[illegible]

FIFTY-FIRST ANNUAL REPORT
OF
THE TRUSTEES
OF THE
TAUNTON - INSANE HOSPITAL,
FOR THE
YEAR ENDING SEPTEMBER 30, 1904.



BOSTON :
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.
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OF THE

TAUNTON INSANE HOSPITAL.

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HENRY R. STEDMAN (<i>Chairman</i>),	BROOKLINE.
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EVERETT H. LEONARD,	<i>Farmer at Raynham Col- ony Farm.</i>

TREASURER.

JOHN KITTREDGE,	TAUNTON.
---------------------------	----------

Office at the Hospital.

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Taunton Insane Hospital have the honor to submit the fifty-first annual report of this institution.

In April last occurred the fiftieth anniversary of the opening of the hospital, and its history has notably exemplified the great advance that has since been made in methods for the care, treatment and classification of the insane. As to its growth, in the superintendent's report for the year 1854 it is stated, "281 patients are as many as ought ever to be enclosed within our walls." To-day (October 1) the institution, since considerably enlarged, to be sure, but disproportionately to the accommodation of inmates, is overcrowded with 922. The grounds, which originally covered 133 acres, now extend over 300, including the Raynham farm colony and other outlying land. In this time also 16,582 cases have been admitted, of which 3,962, or 24 per cent. (of admissions and readmissions), are classed as recoveries.

During the past year 239 men and 214 women, a total of 453, have been admitted, and 1,422 cases treated; 176 were discharged, among whom were 55 recovered; 130 died.

It is doubtful if any year has seen a greater variety of work in progress in the way of construction, rebuilding and repair on the premises than the present one. The house for male nurses has been completed, and will be occupied in November. The attic of the house for female nurses has been finished so as to afford accommodation for fifteen nurses. The enlargement of the laundry building is nearing completion, and it is hoped that it will be finished and the machinery purchased and in running

order for it early in the winter. The cottage at the Raynham farm will soon be completed. A twelve-inch water main has been laid from Hodges Avenue through the hospital grounds and around the circuit of the buildings. This takes the place of the six-inch main which had been used twenty-two years, and will give four times the water supply for all future purposes that the hospital has had from the city water works heretofore. The repairs of the east wing, which was burned, have been completed, and the building is now occupied. All the wooden ventilating flues in the attics have been removed, and their place supplied by galvanized-iron flues. Fire-proof doors between the several wings in the hospital and the centre are now being made, and will soon be in place. Repairs on the cow barn and the hay barn, which were burned in August, are progressing, and will be completed the first of December, the expense of which will be paid from the current income of the hospital or from the hospital fund in the treasury. The east wing, the house for male nurses and the industrial building have all been wired for electric lighting, and work in that direction will be continued through the year. Plans for enlarging the present boiler house and erecting a building for the engines and dynamos necessary for the electric plant are being completed, and work on the same will be commenced, it is hoped, very early in the spring. The dining room for female nurses has been completed and occupied since the first of May; and the dining room for male nurses is nearly completed, and will soon be occupied.

Appropriations for the coming year, amounting to \$36,300, will be needed as follows: for a cold-storage plant, including extension of the rear centre building and additional rooms required for the purpose, \$15,000. This is much needed, as the present ice-room is antiquated and entirely inadequate. For a stable for the farm horses and carriages \$8,000 is asked; for finishing the attic of the house for male nurses, \$3,800; for raising the old boiler house one story, to afford room for the apparatus supplying power for the cold-storage plant and for other storage supplies, \$5,000; for the purchase of the Leonard farm at Raynham, which is now being cultivated by the hospital as a part of the Raynham farm under a lease which will expire this coming year, \$4,500.

The discipline and efficiency of the hospital officers and employees in an emergency were successfully tested on the occasion of the alarming fire which occurred in January. The fact that none of the 135 inmates of the burning building were injured or escaped is a source of great satisfaction and of increased confidence in the future safety of our charges.

Dr. Roy V. Baketel resigned as third assistant in November, and Dr. H. Walton Wood, senior interne, was appointed to fill the vacancy. Dr. Wood resigned in June. Both rendered efficient service to the hospital.

We would again commend the management of the hospital in all its branches, especially that which relates to the immediate care of the patients, and its able direction by Dr. Brown, the superintendent.

Respectfully submitted,

HENRY R. STEDMAN.
SUSAN E. LEAROYD.
LOYED E. CHAMBERLAIN.
WILLIAM C. LOVERING.
NATHANIEL B. BORDEN.
JAMES P. FRANCIS.
ELIZABETH C. M. GIFFORD.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton Insane Hospital.

In compliance with the by-laws of your Board, I present to you the fifty-first annual report of the superintendent, for the year ending Sept. 30, 1904.

At the beginning of the year there were in the hospital 972 patients, — 498 men and 474 women. There were admitted during the year 463, — 242 men and 221 women, — 237 men and 196 women by commitment, 4 men and 25 women by transfer; making the whole number under treatment 1,435, which is 17 less than were under treatment the previous year.

There were discharged during the year 509 patients, — 215 men and 294 women, as follows: 55 were discharged as recovered, 52 as much improved, 46 as improved, 28 as unimproved, 4 as not insane, 130 died, 171 were transferred, 4 of those who escaped were still at large, and 19 were out on a visit at the close of the hospital year. The daily average number was 901.6, which is 50 less than the previous year, the daily average being decreased by a greater number of discharges. Of those discharged recovered, 1 had been insane less than one month, 19 less than six months, 10 less than twelve months, and the duration of insanity in 54 per cent. of those recovered did not exceed one year.

The transfers to other institutions by the State Board of Insanity were as follows: 97 were transferred to the Medfield Insane Asylum, 1 to the State Colony for the Insane at Gardner, 1 to the School for the Feeble-minded at Waverley, 1 to the Hospital for Epileptics at Monson, 1 to the Worcester Insane Hospital and 29 to the Westborough Insane Hospital; 19 patients were removed to be boarded out in families, and 19 were removed from the State, having no settlement in the State.

The number of recoveries was less than the previous year, also the number discharged as much improved. The percentage of recoveries calculated on the admissions was 11.8 per cent.; calculated on the discharges it was 10.8 per cent. The number of deaths was 130. The percentage of deaths calculated on the daily average number of patients was 14.4 per cent.; calculated on the whole number under treatment it was 9 per cent. The explanation of the lower percentage of recoveries on the admissions than in some previous years is that a greater number of incurable cases were admitted, more cases of senility, organic brain disease, congenital defectives and other forms of chronic insanity, in most of whom some improvement from the regulated life of the hospital was all that could be expected. The percentage of recoveries based on the curable cases, or those that would be diagnosed as curable on admission, would be as large as usual; but the number of admissions of that class compared with the whole number of admissions is discouragingly small.

The number of deaths was greater than in any year for several years past, and most of them occurred from exhaustion from chronic mental or physical diseases. Fourteen died of general paralysis and 7 of apoplexy or cerebral hemorrhage. There was an unusual number of deaths from pneumonia, 18 in all, mostly old and feeble subjects, who easily succumb to acute diseases. The number of cases of pneumonia at one time during the winter seemed to indicate that the disease was epidemic, and produced from the same causes which produced an increase of pneumonia in the community, as reported in the daily papers and medical journals. Ten died from pulmonary tuberculosis, not a larger number than usual; and the number of tuberculous cases in the hospital has not apparently increased, as might have been expected in buildings which have been occupied so long and so greatly crowded with patients. There was an unusual exemption from infectious and contagious diseases. There was no typhoid fever, measles, scarlatina or diphtheria, and fewer cases of erysipelas than for the two previous years. Malaria was less prevalent among the employees and patients. No death occurred from accident or suicide.

A somewhat less number of patients have been employed than

in previous years — 378 men and 327 women — in the various departments of the hospital. The character of the admissions from almshouses and of old and feeble patients from private families has not permitted the development of so many working patients as has been usual when a greater number of acute cases have been admitted. While a less number have been employed, a greater amount of valuable work has been done by the men patients. The laying of the new water main through the grounds and around the buildings furnished employment to a large number of men. Nearly all the excavating and filling in of the pipe was done by patients' labor. This lessened very materially the expense of the work, and was largely beneficial to the patients, as each one worked but a few hours a day, and regarded it as a recreation rather than an irksome task.

The training school for nurses has done good work, under the charge of its superintendent, Miss Harriet M. Seaver. Eight nurses, five women and three men, were graduated last June, after having passed the necessary examinations for the full course. The benefits of a training school to a hospital for the insane are not to be measured by the number of its graduates alone, but rather by the amount of instruction imparted to the whole number of pupils in the school, to those who do not graduate, as well as those who do graduate, as to the proper care of the insane, those on the wards, as well as those sick in bed, and indirectly the whole tone of the hospital service is elevated by the influence the school exerts throughout the institution.

For information regarding the pathological work that has been done, — the work in the laboratory and the study and recording of cases, — I refer you to the report of Dr. Miller, the pathologist, which is herewith submitted.

The most important event of the year to the hospital, and which might easily have been most disastrous in its results, was the fire which burned the third story and roof of the east wing on the night of January 4, the coldest night of the winter. But the silver lining to the cloud was that no person received any bodily injury from it, and no life was lost; for that we were devoutly thankful, and much credit is due the nurses, employees and officers of the hospital for the efficient manner in which each did his duty; and where all did so nobly it were

invidious to commend especially any one or class of individuals who rendered assistance. The details of the fire were so fully narrated in the daily papers at the time that it is not necessary to rehearse them in this report. Fortunately, the Legislature was in session when it occurred, and very promptly made an appropriation to cover the expense of repairing the building, which was commenced at once, and has been advanced as rapidly as was possible under the circumstances. It was found that the middle and lower stories were damaged more by the water used to extinguish the fire than was expected, and that delayed the progress of the work very materially. The two lower wards were occupied in June, and the upper ward will be occupied about the first of November, the work being substantially completed at the present time.

Repairs are progressing rapidly on the old hay barn, which was burned on the night of August 18, and will be finished on or before the first of December. Repairs on the cow barn, which was considerably injured by the fire, have been completed.

The building for male nurses has been completed, and will be occupied some time in November. It is located about 300 feet west of the male infirmary, and, fronting the south-east, each of its rooms will receive the sunlight some part of the day. It has a pleasant outlook down the valley, in front of the hospital and greenhouse, especially in the morning, when the landscape is lighted by the rising sun. The building is almost a counterpart of the home for women, but has twelve more rooms, and seven large double rooms which are intended to be occupied by married nurses. On the first floor is a suite of rooms designed for one of the medical assistants, who will have charge of the building. The attic can be finished into fourteen rooms, giving additional accommodations for about 20 more nurses. I recommend that an appropriation for that purpose be asked for this year. The building has been completed and furnished as designed within the appropriation which was made for it.

The attic of the home for women nurses has been finished, and is now occupied, furnishing good accommodations for 15 nurses, the whole building now having accommodations for 64 nurses.

The twelve-inch water main, to take the place of the six-

inch main, has been laid through the grounds of the hospital and extended around the buildings, which will give an ample supply of water in case of fire, and for all other purposes. The whole cost of it will not exceed the appropriation therefor.

The cottage for patients at the Raynham farm is nearly completed, and is expected to be ready for occupancy early in the winter. It will afford excellent accommodations, and make a pleasant home for patients employed on the farm.

The laundry building has been extended 52 feet, making the whole length of the building 130 feet, the width being 39 feet. The building will now have ample space to do the laundry work for 1,200 or 1,500 people, and probably will be large enough for all future needs of the hospital. It is expected that the new machinery for the laundry will be set in place early in the winter, and that everything in that department will be in complete running order. When it is stated that over 30,000 pieces of clothing and bedding are sent to the laundry each week, some idea can be formed of the requirements for space and machinery to do the work. Next to the kitchen, the laundry may be considered the most important adjunct to a well-equipped hospital.

The dining room for female nurses was completed and occupied the first of May. It proves to be convenient and satisfactory, and meets every requirement that was anticipated. The dining room for the men will be in readiness for occupation in November.

Some progress has been made toward establishing the electric plant for lighting the hospital. The two nurses' homes, the industrial building and one wing of the hospital have been wired, and plans for enlarging the boiler house and providing a building for the engines and dynamos are being prepared, and the buildings can be placed under contract and commenced early in the spring and completed before autumn. The wiring of the hospital will be continued through the winter, and can be completed as soon as the power plant is in readiness for use. The work is being done under the supervision of Hollis French and Allen Hubbard, consulting engineers.

Appropriations for the coming year will be needed as follows: to provide a stable for the farm horses and carriages,

\$8,000. The farm horses have heretofore been stabled in the hay barn, which was ill fitted for them, and the space that was occupied by them is needed for hay and other farm supplies. For a cold storage plant, and to provide rooms for the same, \$15,000. The best and most feasible plan, as it seems to me, to provide rooms for this purpose, will be to extend the rear centre one story, about 26 feet, leaving a space of 30 feet between the extension and the old carpenter shop, which will be ample for a driveway between the buildings; then use one-half of the new extension and one-half of the present flour room, with the basements beneath the two rooms, for the cold storage; the rooms on the first floor to be used for the storage of meat, eggs, butter, milk and all other kitchen supplies, and the basement rooms for fruit and vegetables. The old boiler house should be raised one story and a new roof put on, to provide more rooms for storage purposes. The attic could be used to store lumber for the general repairs of the buildings. This would be especially convenient to the carpenter shop, as the two buildings join each other. Lumber kept in store would always be dry and ready for use, and it would be more economical to purchase it in larger quantities than has been possible heretofore. The estimated cost of the proposed change in this building is \$5,000. There will be required \$3,800 to finish the attic of the home for male nurses, and \$4,500 for the purchase of the Leonard estate at the Raynham farm. The substantial reasons for this purchase have been amply set forth in previous reports of the trustees and superintendent, and need not be repeated here; but it may be said that the house on this estate now accommodates 10 patients very comfortably, which is worth to the State at least the interest on \$4,000, and the income from the farm the present year has been about \$200 above the cost of cultivating it. The whole property is worth four-fold more to the hospital than it could be to any private individual, and it would be a good business proposition for the State to purchase it.

The report of the treasurer shows that the total expenditures for the current year have been \$201,370.02, which is \$19,189.42 in excess of the previous year. This increase of expenditure with a less average number of patients has increased the weekly per capita cost of maintenance to \$4.29 which is 61 cents

above that of the previous year. The increase of expenditure has been general in every department, but it has been greatest in that of salaries, wages and labor, incident to the increase in the number of nurses and attendants, which was necessary to reduce the time of weekly service to seventy hours, and to the increase in the wages of nurses. More has been spent for repairs and improvements, including a new fire pump especially authorized by the Legislature ; and more for food supplies, by reason of the rise in the price of provisions. The cost of fuel was also greater ; more coal at a greater cost per ton was required to heat the extra buildings, the two nurses' homes, dining rooms and other parts of the hospital, which were insufficiently heated. The yearly cost of maintenance of the two nurses' homes will be not less than \$3,000. The expenditures hereafter in every department will be greater than they have been, with the increased number of buildings and other conveniences for the greater comfort of the patients and nurses, and provision therefor will have to be made.

The usual number of entertainments have been given during the year. During the summer months several picnics and ball games were given on the hospital grounds, which were much enjoyed. Christmas was celebrated by a Christmas tree and music, with a distribution of presents from Santa Claus ; and during the Christmas holidays extra entertainments were provided. Several highly interesting and instructive lectures, descriptive of home and foreign scenery, illustrated by the stereopticon, were given by Dr. Goss and Dr. Abbot. The weekly dance was held once a week during most of the winter. The Bristol County Fair gave tickets of free admission to the residents of the hospital, and as usual a large number of patients attended it.

Magazines and newspapers for the patients have been received from Mr. Milton Reed of Fall River, Dr. Henry R. Stedman of Brookline, and from several others whose names were not given. Thanks are due to each for his contribution and the friendly spirit which prompted it. The "Daily Mercury" and "Old Colony Memorial" continue to be received free of charge.

Several changes have occurred in the medical staff. Dr. William T. Hanson, a recent graduate of Dartmouth Medical

College, was appointed medical interne, and entered upon his duties the first of March. Dr. Horace G. Ripley, a graduate of the College of Physicians and Surgeons at Baltimore, was appointed senior interne, and entered upon his duties the first of May. After four years of very satisfactory service as interne and third assistant, Dr. Roy V. Baketel resigned in November to enter upon the general practice of medicine at Manchester, N. H. Aside from his medical duties, he rendered valuable service to the hospital in organizing and training a home choir, composed entirely of employees and patients, and it was the opinion of good judges that it gave better music for the chapel service than had been furnished for many years. Dr. H. Walton Wood, who was senior medical interne, was appointed to the position of third assistant, made vacant by the resignation of Dr. Baketel, and after several months of very efficient service resigned the position to go into general practice at Fairhaven, Mass.

To the medical staff and other officers of the hospital I return sincere thanks for their loyal support and the very efficient service they have rendered the hospital during the past year; and to all nurses, attendants and other employees who have given faithful service, and upon whom the highest success of the institution so much depends. To the trustees for their continued confidence and cordial support I am deeply grateful.

JOHN P. BROWN,
Superintendent.

PATHOLOGIST'S REPORT.

I beg to submit herewith a brief report of the work accomplished in the pathological and clinical departments during the year ending Sept. 30, 1904.

The work in the pathological laboratory has been interfered with to a considerable extent as a result of the fire in January. The department rooms located beneath the burned wing were so much damaged by water that extensive repairs were required. Fortunately, the equipment, the library and the specimens were almost wholly preserved uninjured, so that the only inconvenience was caused by the confusion and disorder incident to the making of the necessary repairs.

The technical work was further handicapped by the lack of a regular laboratory assistant. The clinical observations of the patients necessarily absorb the greater part of the time of the two internes, and their time in the laboratory is limited, and confined to the more strictly clinical work. An assistant whose time could be devoted exclusively to the laboratory is much desired.

It has been our endeavor, as mentioned in a previous report, to make the pathological laboratory a helpful adjunct to the clinical investigations; and with this end in view numerous examinations of urine, sputa, blood, etc., have been made.

A glance at the mortality tables shows the number of deaths to have been 130. Post-mortem examinations were held in 47 cases. This, while only a percentage of 36.2 of the total number of deaths, is an encouraging increase, and indicates the greater interest and zeal of the assistants who obtained the permission from the relatives. The undoubted advantages of such investigations to complete the study of the morbid process scarcely need to be again emphasized.

The nature of the mental disease in those cases which came to autopsy were as follows : —

Senile dementia,	13	Acute delirium,	2
General paralysis,	13	Manic-depressive insanity,	1
Dementia præcox,	4	Polyneuritic psychosis,	1
Imbecility,	1	Questionable diagnoses,	5
Idiocy,	1		
Involution melancholia,	3	Total,	47
Organic brain disease,	3		

Among this number several present conditions of special interest.

One, a male, seventy-two years of age, in whom the clinical symptoms were very confusing, presented post-mortem all the gross and microscopic findings characteristic of general paralysis.

Another, a male, fifty-eight years of age, with a strong psychopathic taint, died after an acute psychosis of three weeks' duration, the symptoms of which cannot well be briefly abstracted. Here the changes described as "central neuritis" were discovered.

In a sudden death in a case with katatonic stupor a profuse frontal hemorrhage was revealed.

A tumor in the left frontal lobe was found in a patient who for years was regarded as an epileptic.

Two cases of aphasia were of especial interest, particularly when combined with the clinical studies.

The findings in a case of Korsakoff's psychosis, in which pulmonary tuberculosis was the chief etiological factor, adds to our knowledge of this interesting disease.

Other cases presented features of interest, but the above are cited merely to make prominent the value of the post-mortem pathology of mental disease, and to give some idea of the nature of the work done.

In our clinical studies we feel that we are making progress, to which the more careful records bear witness. While the year may not have been as productive of results as we have wished, our attempt to more accurately observe and record data of scientific value is, we trust, more successful each succeeding year. The importance of exhaustive studies of the symptoms,

course and outcome of abnormal mental conditions for the elucidation of the underlying process is a fact that should ever be kept in the foreground in the study of psychiatry. We regret that more investigation along the line of experimental psychology cannot be attempted.

The staff conferences, which are held four times a week, serve the purpose for which they were established by stimulating the interest and promoting discussion. One day each week is reserved for the report of literature.

HARRY W. MILLER,

Pathologist.

OFFICERS AND THEIR SALARIES.

JOHN P. BROWN, M.D., <i>Superintendent</i> ,	\$3,000 00
ARTHUR V. GOSS, M.D., <i>Assistant Physician</i> ,	1,800 00
BENJAMIN W. BAKER, M.D., <i>Assistant Physician</i> ,	1,200 00
FLORENCE H. ABBOT, M.D., <i>Assistant Physician</i> ,	1,000 00
HARRY W. MILLER, M.D., <i>Assistant Physician and Pathologist</i> ,	1,600 00
JOHN KITTREDGE, <i>Treasurer</i> ,	1,200 00
JAMES C. FLYNN, <i>Engineer</i> ,	1,100 00
FRANK W. BOYNTON, <i>Clerk</i> ,	900 00

VALUATION.

SEPT. 30, 1904.

Land, 300 acres,	\$47,600 00
Hospital buildings,	383,000 00
Brick barn and stable,	8,000 00
New barn,	5,000 00
Laundry building,	8,000 00
Industrial building,	12,000 00
Nurses' home buildings,	80,000 00
Other buildings and wall,	14,000 00
	<hr/> \$557,600 00

PERSONAL ESTATE.

Live stock on the farms,	\$10,569 35
Produce of the farms on hand,	3,159 17
Carriages and agricultural implements,	8,835 60
Machinery and mechanical fixtures,	37,000 00
Beds and bedding in inmates' department,	28,655 27
Other furniture in inmates' department,	13,180 00
Personal property of the State in the superintendent's department,	16,847 54
Dry goods and clothing,	7,215 07
Provisions and groceries,	1,432 14
Drugs and medicines,	600 00
Fuel,	4,200 00
Library,	900 00
Other supplies undistributed,	3,097 50
	<hr/> 135,691 64
	<hr/> \$693,291 64

TREASURER'S REPORT.

I respectfully submit the following report of the finances of the institution for the year ending Sept. 30, 1904, to the trustees : —

RECEIPTS.

Balance with the State Treasurer Oct. 1, 1903, .	\$14,370 59	
Balance on hand Sept. 30, 1903, to be paid to State Treasurer,	3,408 52	
Placed with the State Treasurer by the State Boards of Insanity and Charity,	761 03	
Appropriation for support of State patients, .	154,860 00	
	<hr/>	\$173,400 14
Collections made from Oct. 1, 1903, to Sept. 30, 1904, and paid to the State Treasurer : —		
From towns,	\$60,361 08	
From individuals,	18,189 65	
From individuals, reimbursements,	3,639 02	
From soldiers' relief,	1,360 46	
From other sources,	4,928 71	
	<hr/>	88,478 92
Total receipts,		<hr/> \$261,879 06

PAYMENTS.

Total payments, as per detailed statement,	201,370 02
Balance with State Treasurer Sept. 30, 1904,	\$60,509 04

FINANCIAL STANDING OF THE HOSPITAL, SEPT. 30, 1904.

Due the institution for board Sept. 30, 1904 : —

From towns,	\$1,104 69	
From individuals,	10,399 21	
Balance of receipts and maintenance appropriation with State Treasurer,	60,509 04	
Cash on hand Sept. 30, 1904, payable to State Treasurer,	935 60	
	<hr/>	\$72,948 54
Miscellaneous bills due Oct. 1, 1904,	15,332 83	
	<hr/>	
Balance in favor of the hospital Sept. 30, 1904,		\$57,615 71

DETAILED EXPENSES FOR THE YEAR ENDING SEPT. 30, 1904.

Salaries, wages and labor:—

Medical officers, stenographers and druggist, .	\$11,494 22	
General administration,	18,659 97	
Ward service,	30,291 46	
Repairs and improvements,	4,423 74	
Farm, stable and grounds,	9,178 66	
		<hr/>
		\$74,048 05

Food:—

Butter,	\$9,129 48	
Beans,	728 88	
Bread and crackers,	586 25	
Cereals, rice, meal, etc.,	1,317 22	
Cheese,	518 63	
Eggs,	3,193 08	
Flour,	6,503 95	
Fish,	3,103 86	
Fruit,	1,905 97	
Meats,	15,799 21	
Molasses,	388 35	
Sugar,	2,610 53	
Tea, coffee, broma and cocoa,	2,048 61	
Vegetables,	1,838 96	
Lard,	678 98	
Sundries,	934 72	
		<hr/>
		51,286 68

Clothing and clothing material:—

Boots, shoes and rubbers,	\$406 34	
Clothing,	2,537 74	
Dry goods for clothing and small wares,	1,645 94	
Furnishing goods,	454 22	
Hats and caps,	132 35	
Leather and shoe findings,	490 34	
Sundries,	338 95	
		<hr/>
		6,005 88

Furnishings:—

Beds, bedding, table linen, etc.,	\$6,050 48	
Brushes, brooms, etc.,	368 43	
Carpets, rugs, etc.,	585 96	
Crockery, glassware, cutlery, etc.,	912 69	
Furniture and upholstery,	697 90	
Kitchen furnishings,	381 53	
Woodenware, buckets, pails, etc.,	244 25	
Sundries,	518 25	
		<hr/>
		9,759 49

Amount carried forward, \$141,100 10

<i>Amount brought forward,</i>		\$141,100 10
Heat, light and power : —		
Coal,	\$14,296 65	
Gas,	3,631 02	
Oil,	169 56	
Sundries,	572 09	
		18,669 32
Repairs and improvements : —		
Bricks,	\$119 05	
Cement, lime and plaster,	70 00	
Hardware,	410 34	
Lumber,	1,414 69	
Machinery, etc.,	17 00	
Paints, oil, glass, etc.,	1,195 44	
Plumbing, steam fitting and supplies,	630 00	
Roofing and materials,	246 82	
Mechanics and laborers (not on pay roll),	1,503 81	
Sundries,	758 31	
		6,365 46
Farm, stable and grounds : —		
Blacksmith and supplies,	\$635 52	
Carriages, wagons and repairs,	831 68	
Fertilizers, vines, seeds, etc.,	1,931 85	
Hay, grain, etc.,	11,787 86	
Harness and repairs,	247 21	
Cows,	2,042 00	
Other live stock,	870 99	
Rent,	320 00	
Tools, farm machines, etc.,	981 94	
Sundries,	1,347 43	
		20,996 48
Miscellaneous : —		
Books, periodicals, etc.,	\$483 70	
Chapel services and entertainments,	631 69	
Freight, expressage and transportation,	586 04	
Funeral expenses,	139 78	
Hose, etc.,	39 02	
Medicines and hospital supplies,	1,794 45	
Medical attendance, nurses, etc.,	96 00	
Postage,	250 84	
Printing and printing supplies,	466 25	
Printing annual report,	190 45	
Return of runaways,	119 33	
Soap and laundry supplies,	889 95	
Stationery and office supplies,	314 73	
School books and school supplies,	174 30	
Travel and expenses (officials),	356 64	
<i>Amounts carried forward,</i>	\$6,533 17	\$187,131 36

<i>Amounts brought forward,</i>	\$6,533 17	\$187,131 36
Telephone and telegraph,	402 08	
Tobacco,	549 38	
Water,	2,936 16	
Pathology,	244 05	
Sundries,	2,456 92	
	<hr/>	13,121 76
Specially authorized expenditures:—		
Clothing,	\$42 00	
Furniture,	178 50	
New fire pump,	882 40	
Silo, hoisting engine and feed cutter,	14 00	
	<hr/>	1,116 90
Total expenditures,		<hr/> \$201,370 02
Dividing this sum by 902.3, the average number of patients,		
we have the annual cost of each patient,		\$223 17
And the average weekly cost of		4 29

FINANCIAL STATEMENT.

Of the appropriation made by the Legislature of 1903 for the construction, furnishing and equipping a building for nurses, a cottage at the Raynham colony, enlarging the dining rooms, purchase of a new heater, circulating tank and pump, and purchase of land:—

Amount of appropriation,	\$81,300 00
Drawn to Sept. 30, 1903,	\$6,595 64
Since drawn to date, viz.:—	
Nurses' home,	\$39,187 58
Cottage at Raynham colony,	10,580 52
Enlarging dining room,	6,404 70
New heater, circulating tank and pump,	350 00
	<hr/> 56,522 80
	<hr/> 63,118 44
Balance of appropriation,	\$18,181 56

Of the appropriation made by the Legislature of 1904 for repairing, reconstructing and refurnishing that part of the hospital damaged by fire, for fire-proof doors, frames, casings, transoms and galvanized-iron flues, for laying new water main, for an addition to the laundry, for laundry machinery, for

finishing and furnishing the attic of the women nurses' home,
for a farm building and for installing an electric plant : —

Amount of appropriation,	\$116,800 00
Drawn to date, viz. : —	
Repairing burned wing,	\$23,181 03
New water main,	7,900 43
Addition to laundry,	5,869 32
Finishing attic in women nurses' home,	3,230 20
Installing an electric plant,	1,259 29
Farm building,	597 56
Fire-proof doors, frames, casings, etc.,	2,370 93
	<hr/>
	44,408 76
Balance of appropriation,	\$72,391 24

JOHN KITTREDGE,

Treasurer.

TAUNTON, MASS., Sept. 30, 1904.

RAYNHAM FARM PRODUCE.

VALUE OF RAYNHAM FARM PRODUCE FROM OCT. 1, 1903, TO OCT. 1, 1904.

110,863	quarts milk,	\$4,991 79
1,042 $\frac{5}{12}$	dozen eggs,	279 79
158	bunches asparagus,	15 80
6 $\frac{1}{2}$	bushels beet greens,	2 60
21 $\frac{1}{2}$	bushels beets,	11 96
1,700	pounds cabbage,	22 60
87	barrels cabbage,	75 50
16 $\frac{1}{2}$	bushels carrots,	8 25
47	bunches celery,	4 70
25	bushels corn,	12 50
46	bushels cucumbers,	21 60
497	heads lettuce,	13 57
10,000	pounds mangels,	40 00
17 $\frac{3}{4}$	bushels onions,	17 75
4 $\frac{1}{2}$	bushels parsnips,	2 88
88 $\frac{1}{2}$	bushels peas,	106 85
34	pounds popcorn,	1 62
2,613	bushels potatoes,	1,775 82
2,769	pounds pumpkins,	27 69
16 $\frac{1}{2}$	pounds rhubarb,	1 09
5 $\frac{1}{2}$	bushels spinach,	2 20
1,733	pounds squash,	26 00
37 $\frac{1}{2}$	bushels string beans,	27 23
339	pounds tomatoes,	3 39
410 $\frac{1}{2}$	bushels turnips,	163 65
105	bushels apples,	15 50
225	quarts currants,	22 50
20	quarts gooseberries,	2 00
88	pounds grapes,	88
1	bushel quince,	1 50
94	quarts raspberries,	9 40
350	quarts strawberries,	35 00
8,539	pounds beef,	646 11
1,609	pounds pork,	118 75
13	pounds chickens,	2 60
3	fowl,	1 75
184	pounds fowl,	26 11

165,625	pounds green corn fodder,	\$248 83
83,040	pounds green grass,	207 40
273,072	pounds hay,	2,207 36
13,700	pounds green oats,	34 25
250,000	pounds ensilage,	375 00
37,000	pounds rowen,	277 50
30,414	pounds vegetable leaves,	46 12
6,050	pounds winter rye,	15 13
4,219	feet lumber,	114 82
10	pigs,	30 00
3	cows,	85 00
16	calves,	31 00
1	ox,	40 00
514	pounds hides,	29 56

HOME FARM PRODUCE.

VALUE OF FARM PRODUCE FROM OCT. 1, 1903, TO OCT. 1, 1904.

189,530	quarts milk,	\$8,528 85
592 $\frac{1}{6}$	dozen eggs,	174 69
1,175	pounds asparagus,	117 50
8,800	bunches beets,	308 00
115	bushels beets,	63 25
100	bushels beans,	83 75
90	cabbages,	6 00
209	bushels carrots,	104 50
861	bunches celery,	86 10
26,100	ears corn,	261 00
2,550	cucumbers,	76 50
50	bushels cucumbers,	23 50
70	egg plant,	7 00
300	heads endive,	15 00
17	bushels kale,	17 00
12,970	heads lettuce,	350 19
5	bushels lima beans,	7 25
$\frac{3}{4}$	bushel seed beans,	3 00
240	bunches onions,	8 20
100	bunches parsley,	5 00
280	bushels parsnips,	207 77
132	bushels peas,	158 40
14	bushels peppers,	13 70
20	bushels pickles,	40 00
500	pounds pumpkins,	5 00
750	bunches radishes,	29 50
3,150	pounds rhubarb,	94 50

WORK DONE IN THE INDUSTRIAL BUILDING

FROM OCT. 1, 1903, TO OCT. 1, 1904.

3 boys' suits made.	9 rubbers repaired.
255 pairs men's pants made.	84 women's shoes tapped.
76 men's vests made.	59 pairs women's shoes heeled.
73 pairs overalls made.	20 pairs women's shoes patched.
35 jumpers made.	821 pairs women's slippers repaired.
12 shirts made.	94 pairs men's rubber heels put on.
25 camisoles made.	103 pairs women's rubber heels put on.
4 combination suits made.	7 baskets repaired.
300 cloth mittens made.	3 suspenders repaired.
24 canvas mittens made.	4 bed harnesses repaired.
52 door mats made.	2 belts repaired.
10 rugs made.	16 straps repaired.
100 pairs men's lace shoes made.	2 halters repaired.
46 pairs men's brogans made.	3 horse blankets repaired.
50 pairs men's bluchers made.	8 hot water bottles repaired.
146 pairs men's cloth slippers made.	12 rubber aprons repaired.
125 pairs men's leather slippers made.	9 base balls repaired.
48 pairs women's shoes made.	184 men's coats repaired.
40 pairs women's slippers made.	27 men's coats altered.
29 mitten straps made.	172 men's coats pressed.
8 knee pads made.	52 men's overcoats repaired.
14 pairs straps put on slippers.	42 men's overcoats pressed.
36 pairs cloth mittens made.	487 pairs pants pressed.
24 pairs canvas mittens made.	269 pairs pants mended.
29 carpets bound.	80 pairs pants altered.
4 rubber aprons made.	115 vests pressed.
4 canvas aprons made.	30 vests altered.
300 pairs men's shoes tapped.	97 vests mended.
186 pairs men's shoes heeled.	3 skirts pressed.
100 pairs men's shoes patched.	92 men's suits pressed.
90 pairs men's shoes sewed.	69 men's suits repaired.
64 pairs men's brogans tapped.	79 blankets repaired.
48 pairs men's brogans sewed.	90 camisoles repaired.
408 pairs men's slippers repaired.	200 grommets put in.
8 pairs men's slippers tapped.	6 chairs caned.
60 pairs men's slippers heeled.	4 chairs basket seated.
52 rubber boots tapped.	3 chairs wood seated.
13 rubber boots patched.	20 chairs varnished.
18 rubber boots heeled.	

WORK DONE IN THE UPHOLSTERING DE- PARTMENT OF THE INDUSTRIAL BUILDING

FROM OCT. 1, 1903, TO OCT. 1, 1904.

<p>836 mattresses made. 872 pillows made. 650 mattresses renovated. 700 pillows renovated. 3,400 pounds curled hair hand picked. 2 couches. 1 settee. 2 dining chairs. 4 easy chairs.</p>	<p>1 rocking chair. 1 office chair. 2 student chairs. 3 settee cushions. 10 chair cushions. 4 wagon cushions. 4 parlor chairs repaired. 2 barber chairs repaired. 4 hassocks.</p>
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WORK DONE ON THE WARDS

FROM OCT. 1, 1903, TO OCT. 1, 1904.

<p>1,229 sheets. 208 draw sheets. 1,000 pillow slips. 340 linen towels. 56 table cloths. 367 table napkins. 184 pillow ticks. 176 rugs hemmed. 135 single roller towels. 88 bureau covers. 26 commode covers. 18 stand covers. 2 strainers. 190 women's cotton drawers. 66 women's cotton skirts.</p>	<p>103 men's cotton drawers. 96 men's cotton shirts. 111 gingham aprons. 223 knitted dish cloths. 100 bath cloths. 1,190 bath towels. 26 pairs wristers. 76 ticking aprons. 40 holders. 187 men's suspenders. 60 laundry bags. 1 pair mittens. 24 bread covers. 294 sick cloths. 600 bibs.</p>
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WORK DONE IN THE SEWING ROOM

FROM OCT. 1, 1903, TO OCT. 1, 1904.

454 wrappers.	92 nurses' apron bibs.
19 dresses.	574 nurses' caps.
1 black dress.	2 skull caps.
4 black dress skirts repaired.	2 corset covers.
26 gingham dresses.	48 pairs mittens.
36 strong gingham dresses.	6 clothes pin bags.
10 strong dresses.	60 hall laundry bags.
12 strong jackets.	25 nurses' laundry bags.
4 strong skirts.	245 mattress ticks.
2 chapel dresses.	6 mattress ticks bound.
31 duck camisoles.	8 double mattress ticks.
11 canton flannel camisoles.	338 pillow ticks.
7 pairs camisole sleeves.	126 white curtains.
3 pairs night dress sleeves.	21 sash curtains.
11 gingham shirt waists.	108 sick shirts.
1 wool shirt waist.	80 gingham skirts.
1 silk shirt waist.	8 chair covers.
12 belts.	4 chair ticks.
7 men's shirts.	6 hall cushion covers.
84 men's drawers.	18 hassock ticks.
105 pairs women's cotton flannel drawers.	7 leather hassock ticks.
113 pairs cotton drawers.	6 coffee strainers.
81 chemises.	2 milk strainers.
71 white skirts.	1 corset waist repaired.
200 short night dresses.	29 mattings bound.
213 strong night dresses.	1 mattress covering.
42 table cloths.	3 splint coverings.
34 bread covers.	8 undershirts repaired.
6 table covers.	6 operating aprons.
4 bureau covers.	2 piano covers.
108 table napkins.	54 hay beds.
20 rugs hemmed.	188 bibs.
4 laundry table covers.	695 bath towels.
10 dust cloths.	111 nurses' towels.
31 kitchen aprons.	90 draw sheets.
108 white aprons.	590 sheets.
251 nurses' aprons.	970 pillow slips.

MENDING DONE IN THE SEWING ROOM

FROM OCT. 1, 1903, TO OCT. 1, 1904.

649 pairs pants.	154 laundry bags.
2,302 pairs drawers.	6 strong skirts.
146 pairs overalls.	35 strong dresses.
5,075 pairs stockings.	7 strong jackets.
44 jumpers.	69 camisoles.
151 white shirts.	9 strong gingham dresses.
191 short shirts.	5 restraint sheets.
1,844 colored shirts.	3 neck pieces for sheets.
1,296 undershirts.	7 ticking aprons.
22 night shirts.	2 bath robes.
265 bibs.	2 bed spreads.
172 vests.	4 carpets.
303 coats.	3 operating robes.
2 overcoats.	908 hay beds.
74 summer coats.	

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

I. — General Statistics of the Year.

	INSANE.			NOT INSANE.			VOLUNTARY.			HABITUAL DRUNKARDS.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1903,	498	471	969	-	-	-	-	-	-	-	-	-	498	471	972
Admitted within the year,	240	214	454	4	2	6	1	-	1	-	-	-	242	221	463
Viz.: by commitment,	235	187	422	2	2	4	-	-	-	-	-	-	237	194	431
by transfer,	4	27	31	-	-	-	-	-	-	-	-	-	4	27	31
from escape,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
from visit,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whole number of cases within the year,	738	685	1,423	-	-	-	-	-	-	-	-	-	740	695	1,435
Dismissed within the year,	213	288	501	2	2	4	1	-	1	-	-	-	215	294	509
Viz.: discharged,	109	68	177	2	2	4	1	-	1	-	-	-	111	74	185
as recovered at time of leaving hospital,	21	34	55	-	-	-	-	-	-	-	-	-	21	34	55
as much improved,	35	14	49	-	-	-	-	-	-	-	-	-	35	17	52
as improved,	35	10	45	-	-	-	-	-	-	-	-	-	35	11	46
as not improved,	18	10	28	-	-	-	1	-	1	-	-	-	18	10	28
as not insane,	-	-	-	2	2	4	-	-	-	-	-	-	2	2	4
Died,	79	51	130	-	-	-	-	-	-	-	-	-	79	51	130
Transferred,	10	161	171	-	-	-	-	-	-	-	-	-	10	161	171
Escaped,	3	1	4	-	-	-	-	-	-	-	-	-	3	1	4
On visit,	12	7	19	-	-	-	-	-	-	-	-	-	12	7	19
Patients remaining Sept. 30, 1904,	525	397	922	-	-	-	-	-	-	-	-	-	525	401	926
Viz.: supported as State patients,	494	348	842	-	-	-	-	-	-	-	-	-	494	352	846
as private patients,	31	49	80	-	-	-	-	-	-	-	-	-	31	49	80
Number of different persons within the year,	729	663	1,392	2	2	4	1	-	1	-	-	-	731	672	1,403
Number of persons admitted,	238	204	442	2	2	4	1	-	1	-	-	-	240	210	450
Number of different persons admitted by commitment,	235	186	421	2	2	4	-	-	-	-	-	-	237	192	429
Number of different persons admitted by transfer,	4	27	31	-	-	-	-	-	-	-	-	-	4	27	31
Number of persons recovered,	21	34	55	-	-	-	-	-	-	-	-	-	21	34	55
Daily average number of patients,	498.4	399.6	898.0	.03	.06	.09	.005	-	.005	-	-	-	498.4	403.2	901.6
Viz.: State patients,	390.3	272.4	662.7	.03	.06	.09	-	-	-	-	-	-	390.3	276.0	666.3
town patients,	76.9	75.5	152.4	-	-	-	.005	-	.005	-	-	-	76.9	78.5	155.4
private patients,	31.2	48.7	79.9	-	-	-	-	-	-	-	-	-	31.2	48.7	79.9

2. — *Insane received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.		
	Males.	Females.	Totals.
First,	198	156	354
Second,	25	41	66
Third,	7	12	19
Fourth,	5	2	7
Fifth,	2	2	4
Sixth,	2	—	2
Seventh,	1	—	1
Seventeenth,	—	1	1
Total cases,	240	214	454
Total persons,	238	204	442
Never before in any hospital for the insane,	179	143	322

3. — *Nativity and Parentage of Insane Persons first admitted to Any Hospital.*

	MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts,	82	39	36	62	24	24	144	63	60
Other New England States,	13	8	7	11	9	10	24	17	17
Other States,	6	3	3	8	5	3	14	8	6
Total native,	101	50	46	81	38	37	182	88	83
Other countries : —									
Austria,	—	—	—	2	1	1	2	1	1
Azores,	4	4	4	1	2	1	5	6	5
Barbadoes Islands,	1	1	1	—	—	—	1	1	1
Canada,	17	16	18	12	13	13	29	29	31
Cape Verde Islands,	2	1	1	—	—	—	2	1	1
England,	11	13	13	10	11	10	21	24	23
Finland,	3	3	3	—	—	—	3	3	3
France,	—	1	—	1	1	1	1	2	1
Germany,	2	1	—	1	2	2	3	3	2
Italy,	1	2	2	1	1	1	2	3	3
Ireland,	22	45	44	27	36	39	49	81	83
Poland,	1	—	—	—	1	1	1	1	1
Portugal,	1	2	2	1	—	—	2	2	2
Russia,	1	2	1	1	1	1	2	3	2
Scotland,	2	5	5	2	3	3	4	8	8
Sweden,	4	4	4	1	2	1	5	6	5
Wales,	—	—	—	1	—	—	1	—	—
Total foreign,	72	100	98	61	74	74	133	174	172
Unknown,	6	29	35	1	31	32	7	60	67
Totals,	179	179	179	143	143	143	322	322	322

4. — Residence of Insane Persons admitted.

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable County,	5	6	11	1	2	3
Bristol County,	92	74	166	28	35	63
Dukes County,	3	-	3	1	-	1
Middlesex County,	-	-	-	1	1	2
Nantucket County,	2	-	2	2	2	4
Norfolk County,	24	14	38	8	3	11
Plymouth County,	39	36	75	10	15	25
Suffolk County,	14	13	27	9	4	13
Totals,	179	143	322	60	62	122
Viz.: cities or towns (10,000 or over), .	117	98	215	36	39	75
country districts (under 10,000),	62	45	107	24	23	47

5.—Civil Condition of Insane Persons first admitted to Any Hospital.

	Males.	Females.	Totals.
Unmarried,	81	50	131
Married,	73	49	122
Widowed,	14	40	54
Divorced,	3	1	4
Unknown,	8	3	11
Totals,	179	143	322

6. — Occupations of Insane Persons first admitted to Any Hospital.

MALES.	
Barber,	1
Blacksmiths,	6
Boiler worker,	1
Broom maker,	1
Butcher,	1
Car inspector,	1
Car repairer,	1
Carpenters,	3
Cigar maker,	1
Clerks,	4
Cooper,	1
Dentist,	1
Dish washer,	1
Electroplaters,	2
Farmers,	7
Fisherman,	1
Freight handler,	1
Gardener,	1
Glass cutter's apprentice,	1
Harness maker,	1
Hatter,	1
Horse dealer,	1
Hostler,	1
Insurance agent,	1
Jewellers,	2
Laborers,	32
Lighthouse keeper,	1
Lineman,	1
Longshoreman,	1
Lodging house keeper,	1
Lumber dealer,	1
Machinists,	2
Mariners,	3
Merchants,	3
Mill operatives,	15
Mill overseers,	2
Nail cutter,	1
Night watchman,	1
No occupation,	27
Pearl worker,	1
Poultry dealer,	1
Railroad fireman,	1
Salesman,	1
Ship's carpenters,	2
Shoe operatives,	19
Shovel maker,	1
Silver polishers,	3
Stevedore,	1
Steward,	1
Stone cutters,	3
Straw worker,	1
Tailor,	1
Teamsters,	3
Tin can maker,	1
Wood cutter,	1
<hr/>	
Total,	175
Unknown,	4
<hr/>	
Total,	179

6. — *Occupations of Insane Persons first admitted to Any Hospital —*
Continued.

FEMALES.

Book sewer,	1	Mill operatives,	12
Chain maker,	1	No occupation,	23
Cooks,	3	Shoe operative,	1
Domestics,	7	Tailoress,	1
Housekeepers,	7	Teachers,	2
Housewives,	3	Waitresses,	2
Milliner,	1		

WIFE OR DAUGHTER OF—

Baker,	1	Overseer copper works,	1
Bleacher,	1	Painter,	1
Block maker,	1	Pattern maker,	1
Book binder,	1	Peddler,	1
Carpenter,	1	Piano tuner,	1
Contractor,	1	Printer,	1
Cooper,	1	Railroad employee,	1
Decorator,	1	Sail maker,	1
Druggist,	1	Sculptor,	1
Farmers,	5	Sea captain,	1
Fireman,	1	Ship carpenters,	3
Fisherman,	1	Shoe operatives,	6
Gardener,	1	Shovel maker,	1
Hostler,	1	Stoker,	1
Iron worker,	1	Stone cutters,	2
Laborers,	10	Tack packer,	1
Lather,	1	Tanner,	1
Loom fixer,	1	Teacher,	1
Mariners,	2	Teamster,	1
Mechanic,	1	Wheelwrights,	2
Merchants,	3		
Mill operatives,	11	Total,	143
Molders,	2		

7. — Probable Causes of Mental Disease in Persons first admitted to Any Hospital.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.					
				HEREDITARY TENDENCY.			NEUROTIC TENDENCY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Physical.</i>									
Alcoholic intemperance,	26	10	36	3	-	3	-	-	-
Alcoholic intemperance and epilepsy,	1	-	1	-	-	-	-	-	-
Army life in Philippine Islands,	1	-	1	-	-	-	-	-	-
Arterio-sclerosis, .	4	-	4	-	-	-	-	-	-
Cerebral embolus, .	1	-	1	-	-	-	-	-	-
Cerebral hemorrhage, .	1	3	4	-	-	-	-	-	-
Cocaine habit, .	1	-	1	-	-	-	-	-	1
Congenital, .	4	6	10	-	1	1	-	-	-
Excessive tobacco smoking,	1	-	1	1	-	1	-	-	-
Excessive use of tea, .	-	1	1	-	1	1	-	-	-
Epilepsy, .	5	3	8	1	-	1	-	-	-
Heredity, .	16	15	31	16	15	31	-	-	-
Menopause, .	-	6	6	-	2	2	-	-	-
Menopause and domestic affliction,	-	1	1	-	1	1	-	-	-
Menopause and operation, .	-	1	1	-	1	1	-	-	-
Nephritis, .	1	-	1	1	-	1	-	-	-
Nephritis, interstitial, .	1	-	1	1	-	1	-	-	-
Opium habit, .	-	1	1	-	-	-	-	-	1
Physical exhaustion, .	1	2	3	-	1	1	-	-	-
Psychopathic basis, .	1	-	1	1	-	1	-	-	-
Puerperal, .	-	3	3	-	-	-	-	-	-

Senility,	.	.	.	.	.	.	24	18	42	2	4	6	-	-	1	-	-	-	-	3
Senility and epilepsy,	.	.	.	.	.	.	-	8	8	-	-	-	-	-	1	-	-	-	-	-
Senility and influenza,	.	.	.	.	.	.	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Sepsis diabetes mellitus,	.	.	.	.	.	.	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Syphilis,	.	.	.	.	.	.	12	1	13	1	1	2	-	-	-	-	-	-	-	-
Toxemia,	.	.	.	.	.	.	2	-	2	1	-	1	-	-	-	-	-	-	-	-
Trauma,	.	.	.	.	.	.	7	1	8	-	1	1	-	-	-	-	-	-	-	-
Trauma and epilepsy,	.	.	.	.	.	.	1	-	1	-	-	-	-	-	-	-	-	-	-	-
<i>Mental.</i>																				
Domestic affliction,	.	.	.	.	.	.	-	1	1	-	1	1	-	-	-	-	-	-	-	-
Overwork,	.	.	.	.	.	.	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Worry,	.	.	.	.	.	.	2	1	3	2	-	2	-	-	-	-	-	-	-	-
Totals,	.	.	.	.	.	.	116	82	198	30	28	58	-	1	1	1	2	3	-	-
Unknown,	.	.	.	.	.	.	63	61	124	-	-	-	-	-	-	-	-	-	-	-
Totals,	.	.	.	.	.	.	179	143	322	30	28	58	-	1	1	1	2	3	-	-

8.—Ages of Insane at First Attack, Admission and Death.

AGES.	PERSONS FIRST ADMITTED TO ANY HOSPITAL.			PERSONS DIED.		
	AGE AT FIRST ATTACK.			AGE AT FIRST ATTACK.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	5	6	11	-	1	1
15 years and less,	2	2	4	-	-	-
From 15 to 20 years,	11	5	16	1	-	1
20 to 25 years,	10	6	16	1	-	-
25 to 30 years,	26	12	38	3	3	6
30 to 35 years,	11	12	23	2	2	4
35 to 40 years,	17	13	30	6	5	11
40 to 50 years,	22	15	37	13	7	20
50 to 60 years,	13	17	30	6	10	16
60 to 70 years,	14	10	24	9	8	17
70 to 80 years,	13	13	26	12	8	20
Over 80 years,	5	1	6	6	1	7
Totals,	149	112	261	59	45	104
Unknown,	30	31	61	20	6	26
Totals,	179	143	322	79	51	130
Mean known ages (in years),	45.1	43.5	44.3	55.4	54.4	54.9
				78	51	129
				1	-	1
				79	51	130
				59.7	62.1	60.9

9. — *Probable Duration of Mental Disease before Admission.*

PREVIOUS DURATION.	FIRST ADMITTED TO ANY HOSPITAL.		
	Males.	Females.	Totals.
Congenital,	5	6	11
Under 1 month,	30	15	45
From 1 to 3 months,	21	11	32
3 to 6 months,	12	10	22
6 to 12 months,	16	8	24
1 to 2 years,	23	16	39
2 to 5 years,	25	22	47
5 to 10 years,	9	19	28
10 to 20 years,	7	4	11
Over 20 years,	2	6	8
Totals,	150	117	267
Unknown,	29	26	55
Totals,	179	143	322
Average known duration in years, .	3.5	7.6	5.0

10. — Form of Mental Disease in Cases admitted or discharged, with Condition on Discharge.

FORM OF DISEASE.	CASES ADMITTED.			CASES DISCHARGED.												TOTALS.		
	Males.	Females.	Totals.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.		Totals.
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	
A. — First admitted to any hospital: —																		
Imbecility,	2	6	8	—	—	—	—	—	—	1	—	1	—	—	—	1	—	2
Psychopathic inferiority,	3	1	4	—	—	—	—	—	—	2	—	2	—	—	—	2	—	3
Dementia præcox,	56	31	87	—	—	—	7	1	8	15	1	16	7	2	9	7	9	45
terminal,	7	3	10	—	—	—	2	—	—	—	—	—	2	—	—	—	—	—
Epileptic insanity,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paranoia,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paranoic condition,	17	11	28	—	—	—	1	—	1	3	2	3	—	—	—	1	1	6
General paralysis,	3	9	12	—	—	—	—	—	—	—	—	—	—	—	—	18	6	24
Involution melancholia,	—	—	—	—	—	—	—	3	3	—	—	—	—	2	2	4	7	11
Acute melancholia,	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Presenile delusional insanity,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Senile dementia,	25	27	52	—	—	—	2	1	3	—	—	—	—	—	—	24	21	45
Organic brain disease,	7	4	11	—	—	—	—	—	—	—	—	—	—	—	—	5	3	8
Traumatic psychosis,	4	—	4	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
Manic-depressive insanity,	8	12	20	1	11	12	1	—	1	1	—	1	—	—	—	3	4	7
Chronic mania,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toxic insanity,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2
acute alcoholic,	16	5	21	12	5	17	—	—	—	—	—	—	—	—	—	—	—	—
chronic alcoholic delusional,	2	1	3	—	2	2	1	1	2	1	—	1	—	—	—	—	—	—
chronic alcoholism,	6	1	7	—	1	1	1	2	3	1	—	1	—	—	—	1	—	18
acute hallucinosis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
tea,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Korsakoff's psychosis,	2	2	4	—	—	—	1	—	1	—	—	—	1	—	—	—	—	—
Exhaustion psychosis,	—	4	4	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
Neurasthenia,	2	—	2	—	—	—	1	—	1	—	—	—	—	—	—	—	—	2
Delirium (toxic, etc.),	7	—	7	—	—	—	1	—	—	—	—	—	—	—	—	3	—	3
Undiagnosed,	9	18	27	2	—	2	1	—	1	1	—	1	1	—	1	—	—	5
Totals,	179	143	322	15	22	37	19	8	27	28	3	31	11	8	19	70	42	226

B. — Other admissions: —

[illegible]

11.—Discharges of the Insane, classified by Admission and Result.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	17	23	40	20	9	29	31	6	37	14	8	22	74	43	117	156	89	245
Second,	2	6	8	10	3	13	2	3	5	2	1	3	1	6	7	17	19	36
Third,	—	3	3	1	1	2	1	1	2	—	1	1	—	—	—	2	6	8
Fourth,	—	1	1	4	1	5	1	—	1	1	—	1	2	—	2	8	2	10
Fifth,	2	—	2	—	—	—	—	—	—	—	—	—	—	2	2	2	2	4
Sixth,	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	1	—	1
Seventh,	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	1	—	1
Eighth,	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	1	—	1
Sixteenth,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Total cases,	21	34	55	35	14	49	35	10	45	18	10	28	79	51	130	188	119	307
Total persons,	21	34	55	35	14	49	35	10	45	18	10	28	79	51	130	187	119	306
First admitted to any hospital,	15	22	37	19	8	27	28	3	31	12	8	20	69	42	111	143	83	226

12.—Causes of Death and Form of Mental Disease in Persons who died.

CAUSES.										AGGREGATES.			IMBECILITY.			PSYCHOPATHIC INFERIORITY.			DEMENTIA PRÆCOX.			EPILEPTIC INSANITY.			PARANOIA.			PARANOID CONDITION.		
										Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.			
GENERAL DISEASES.																														
A. — <i>Epidemic diseases</i> : —																														
Erysipelas,										3	1	4																		
B. — <i>Other general diseases</i> : —																														
Cancer of the rectum,										—	1	1																		
Diabetes mellitus,										1	—	1																		
Exhaustion from delirium tremens,										1	—	1																		
Exhaustion from manic-depressive insanity,										1	—	1																		
Malignant tumor and eczema,										1	—	1																		
Senility,										4	1	5																		
Traumatic septicæmia,										1	—	1																		
Tumor of the liver,										1	—	1																		
DISEASES OF THE NERVOUS SYSTEM.																														
Cerebral œdema and arterio-sclerosis,										—	1	1																		
Dementia præcox,										—	2	2																		
Epileptic convulsions and nephritis,										1	—	1																		
General paralysis,										9	5	14																		
Manic-depressive insanity,										—	3	3																		
Organic brain disease,										1	—	1																		
Pachymeningitis hemorrhagica and chronic bronchitis,										1	—	1																		
Pachymeningitis hemorrhagica interna and pulmonary emphysema,										1	—	1																		
Senile dementia,										1	7	8																		
DISEASES OF THE CIRCULATORY SYSTEM.																														
Arterio-sclerosis,										2	—	2																		
Arterio-sclerosis and senile gangrene,										—	1	1																		
Cerebral hemorrhage,										3	3	6																		
Cerebral hemorrhage and arterio-sclerosis,										1	—	1																		
Cerebral hemorrhage and cranial trauma,										1	—	1																		

112. — *Causes of Death and Form of Mental Disease in Persons who died* — Continued.

[illegible]

12. — Causes of Death and Form of Mental Disease in Persons who died — Concluded.

CAUSES.	GENERAL PARALYSIS.			INVOLUTION MELAN-CHOLIA.			SENILE DEMENTIA.			ORGANIC BRAIN DISEASE.			MANIC-DEPRESSIVE INSANITY.			CHRONIC MANIA.			TOXIC INSANITY.			DELIRIUM.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
DISEASES OF THE GENITO-URINARY SYSTEM —																								
Concluded.																								
Nephritis, acute,	—	—	—	—	—	—	1	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Nephritis, chronic, and uremia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis, chronic interstitial,	1	—	1	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis, chronic interstitial, and arterio-sclerosis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis, interstitial, and pulmonary œdema,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DISEASES OF THE SKIN.																								
Senile gangrene of the feet,	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals,	22	7	29	6	3	9	23	24	47	5	2	7	6	6	12	1	—	1	2	—	4	—	—	4

13. — Duration of Mental Disease and its Treatment in Persons who recovered or died.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Recovered:—												
Under 1 month,	8	6	14	2	—	2	—	—	—	—	—	1
From 1 to 3 months,	4	5	9	9	3	12	9	3	12	1	—	—
3 to 6 months,	—	4	4	3	3	6	3	3	6	1	1	2
6 to 12 months,	2	2	4	—	5	5	1	7	8	—	3	4
1 to 2 years,	—	1	1	1	2	3	—	4	4	1	4	7
2 to 5 years,	—	1	1	—	2	2	1	2	3	3	—	4
5 to 10 years,	—	1	1	—	—	—	—	1	1	—	—	—
10 to 20 years,	—	1	1	—	—	—	—	1	1	—	—	—
Over 20 years,	—	—	—	—	—	—	—	—	—	—	—	—
Totals,	14	21	35	15	22	37	14	21	35	4	11	15
Unknown,	1	1	2	—	—	—	1	1	2	2	1	3
Totals,	15	22	37	15	22	37	15	22	37	6	12	18
Average of known cases (in months),	1.4	21.7	11.5	3.3	6.0	4.6	7.3	27.5	17.4	36.5	63.6	50.0
										12.1	23.1	17.6

13. — Duration of Mental Disease and its Treatment in Persons who recovered or died — Concluded.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.			WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>B. — Died:—</i>												
Under 1 month,	10	6	16	22	5	27	5	—	5	—	—	—
From 1 to 3 months,	7	3	10	11	3	14	3	3	6	1	—	1
3 to 6 months,	4	4	8	8	4	12	4	—	4	—	—	—
6 to 12 months,	2	3	5	3	5	8	6	—	7	—	—	—
1 to 2 years,	13	6	19	13	5	18	9	1	13	—	3	3
2 to 5 years,	18	10	28	6	7	13	22	11	33	4	3	4
5 to 10 years,	4	3	7	1	12	13	6	13	19	1	1	2
10 to 20 years,	1	2	3	2	1	3	1	4	5	1	1	2
Over 20 years,	—	2	2	3	—	3	4	3	7	2	—	2
Totals,	59	39	98	69	42	111	60	39	99	6	8	14
Unknown,	10	3	13	—	—	—	9	3	12	4	1	5
Totals,	69	42	111	69	42	111	69	42	111	10	9	19

PUBLIC DOCUMENT

. No. 22.

FIFTY-SECOND ANNUAL REPORT

OF

THE TRUSTEES

OF THE

TAUNTON INSANE HOSPITAL,

FOR THE

YEAR ENDING SEPTEMBER 30, 1905.



BOSTON :

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.

1906.

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TREASURER.

JOHN KITTREDGE,	TAUNTON.
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Office at the Hospital.

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Taunton Insane Hospital herewith present their fifty-second annual report.

There have been admitted during the year 254 men and 216 women, — a total of 470; and there were discharged 298 men and 190 women, — a total of 488 patients. The daily average number of patients has been 931.7, which is 30 more than were cared for the previous year. One hundred and twenty-four have died.

The number of patients who have been employed about the premises has been about the same as heretofore, the actual number being 428 men and 279 women, — a total of 707. This is a very satisfactory showing, as it appears that a large proportion of the patients are engaged in some occupation which for the time being at least diverts their minds from themselves. All patients who are physically able to do some kind of work, however light it may be, are encouraged by the officials to occupy a portion of each day in some kind of useful employment, and it is a pleasure to be able to state that such a large number are willing to do so.

Nine nurses were graduated from the training school last June, and received their diplomas.

There has been a great deal of work done during the past year. Fireproof doors have been provided, so that each wing can be entirely isolated in case of fire. The cottage for male

nurses was completed and occupied last November. The laundry building has been enlarged, so that it is now capable of doing its work easily and very satisfactorily. The new power house has been completed and two extra boilers have been installed. Engines to furnish power for the dynamos have been received and set up, and contracts have been made for the dynamos. The wiring for electric lighting is nearly completed, and it is expected that the electric lighting plant will be in operation some time during the winter. The substantial brick cottage for patients at the Raynham farm, which was begun last year, has been completed and occupied. It accommodates 40 patients. The Leonard farm adjoining the Raynham farm has been purchased, so that now the hospital has a farm at Raynham of 160 acres, and it gives employment and accommodation to 70 patients. The buildings and accommodations for patients are now in better condition in most particulars than ever before; and, except in some minor details, the Taunton Hospital compares favorably with other similar institutions.

Contracts have been made with responsible parties for the installation of a cold-storage and refrigerating plant, which will be ready for use early in the coming spring. In rebuilding the barn, which was burned a year ago last summer, it was deemed advisable to use it almost entirely for the storage of hay, and therefore it became necessary to provide for the horses elsewhere. A stable is now being constructed for this purpose.

Some external painting will have to be done the coming year, and it will be necessary to ask the Legislature for about \$4,000 for this purpose. The old brick oven is getting antiquated, and it will need to be rebuilt very soon. It is thought that this can be done for about \$1,000.

In order to render the hospital capable of doing its work properly, some provision should be made for the better treatment and care of tuberculous patients, in accordance with modern ideas. Better facilities for bathing should also be provided in the near future. The trustees have not as yet decided just what to recommend, but they have these matters under careful consideration, and may ask for appropriations for these purposes later.

The usual entertainments, lectures, dances and picnics have been provided for the patients, and everything is done which can be done by Dr. Brown and his corps of assistants for their care and happiness.

Respectfully submitted,

NATHL. B. BORDEN.

LOYED E. CHAMBERLAIN.

JAS. P. FRANCIS.

HENRY R. STEDMAN.

SUSAN E. LEAROYD.

ELIZABETH C. M. GIFFORD.

WILLIAM C. LOVERING.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton Insane Hospital.

In compliance with the by-laws of your Board, I present to you the fifty-second annual report of the superintendent, for the year ending Sept. 30, 1905.

At the beginning of the year there were in the hospital 926 patients, — 525 men and 401 women. There were admitted during the year 470, — 254 men and 216 women, — 232 men and 191 women by commitment, 9 men and 18 women by transfer; making the whole number under treatment 1,396, which is 41 less than were under treatment the previous year.

There were discharged during the year 488 patients, — 298 men and 190 women, as follows: 56 were discharged as recovered, 49 as much improved, 50 as improved, 32 as unimproved, 2 as not insane, 124 died, 116 were transferred, 5 of those who escaped were still at large, and 54 were out on a visit at the close of the hospital year. The daily average number was 931.7, which is 30 more than the previous year, the daily average being increased by a smaller number of discharges. Of those discharged recovered, 1 had been insane less than one month, 14 less than six months, 7 less than twelve months, and the duration of insanity in 39 per cent. of those recovered did not exceed one year.

The transfers to other institutions by the State Board of Insanity were as follows: 30 were transferred to the Medfield Insane Asylum, 25 to the State Colony for the Insane at Gardner, 1 to the Hospital for Epileptics at Monson, 3 to the Danvers Insane Hospital, 2 to the Boston Insane Hospital, 1 to the Westborough Insane Hospital, 1 to the Asylum for Insane Criminals at Bridgewater, 24 to the State Hospital at Foxborough, 2 to the McLean Hospital at Waverley and 2 to the Hospital Cottages for Children at Baldwinville; 25 were removed to be boarded

out in families, and 37 were removed from the State, having no settlement in the State.

The number of recoveries was 1 more than the previous year, and the number discharged as much improved 3 more. The percentage of recoveries calculated on the admissions was 11.9 per cent.; calculated on the discharges, it was 11.4 per cent. The number of deaths was 124. The percentage of deaths calculated on the daily average number of patients was 13.3 per cent.; calculated on the whole number under treatment, it was 8.8 per cent.

The statement which was made in last year's report as to the cause of the low percentage of recoveries is especially true this year, as a greater number of incurable cases were admitted. It would seem that the hospital is becoming more each year an asylum for the care and treatment of senile cases. Of the admissions of the past year, 39 were over seventy years old and 11 over eighty. Some of these could have remained in their homes if proper care and nursing could have been provided for them; but most of them had not the necessary means to bear the expenses, and the other members of the family were from necessity wage earners. The hospital is doing good work in caring for these cases, but it has little credit for it, as the percentage of recoveries is much lessened by it and the mortality is greatly increased.

Of those who died during the year, 40 were over seventy years of age and 14 over eighty; but, notwithstanding these unfavorable cases, the number of deaths was less than last year. Some of the causes of death were as follows: 25 died of general paralysis, — an unusually large number; 12 of apoplexy or cerebral hemorrhage; and 8 from pulmonary tuberculosis, which was a less number than usual.

There were but few cases of acute diseases among the patients and employees. There was a small epidemic of measles, which continued from January 1 to July 15, 10 employees and 2 patients having the disease; but otherwise the hospital has been exempt from infectious and contagious diseases. The number of cases of malaria was about the same as the year before; there were 29 in all, — 16 among the employees, all primary, and 13 among the patients, all secondary. The low, boggy, wet land

beyond the garden, through which Mill River runs, is an ideal place for breeding mosquitoes to perpetuate malaria. It will always be a pest to the hospital while in its present condition, and there is little likelihood of its being improved by the city, as it could only be done by thorough drainage, which would be somewhat expensive. No death occurred from typhoid fever or other infectious diseases, or from accident or suicide.

There were 13 elopements; 8 were returned and 5 were not returned. None of the latter were dangerous to be at large in the community.

About the same number of patients as usual have been employed in the various departments of the hospital, the actual number being 428 men and 279 women. The percentage of men employed was greater than in any previous year.

The training school for nurses has continued to do good work, under the instruction of its superintendent, Miss Seaver, and the medical staff, who have given the usual course of lectures, prepared with painstaking care and a gratifying interest in the work. Nine nurses, 7 women and 2 men, were graduated and given diplomas in June.

The professional service of a dentist, which was begun two years ago, has been continued the past year, with very satisfactory results. For six months ending September 30 the dentist has visited the hospital weekly, giving a half day's service each week. The aggregate amount of dental work done by him was as follows: 297 teeth and 161 roots were extracted; teeth were cleaned for 145 patients; 7 gold fillings, 38 silver fillings and 205 cement fillings were put in; 4 roots were filled; and 4 sets of false teeth were made; 212 patients in all having been treated. That this work has been of great benefit to the patients can hardly be questioned.

For a statement of the work done in the laboratory and the clinical work of the pathologist I refer you to his report, which is herewith presented.

The general repairs and building operations during the year have been more varied and extensive than usual, but have progressed satisfactorily.

The fireproof doors, for which an appropriation from the Legislature was made, have been procured and put into place

between each wing and the adjoining wing and between the rear centre and front centre. Hereafter, in case of fire it should be comparatively easy, with the present abundant water supply, to confine it to the wing or centre where it originates, the attic having previously been divided by fire walls, which are built up through the roof.

The cottage for male nurses was completed and occupied in November, except the attic rooms, which are now being finished under a special appropriation by the Legislature for that purpose. They will be completed and ready for occupancy early in the winter, and the building will then have accommodations for about 80 nurses.

The extension to the laundry was completed early in the winter, and the new laundry machinery, consisting of a 100-inch mangle, two washing machines, two ironers and three wringers, was purchased and set in place. The facilities for doing laundry work are now very complete and satisfactory, and will be ample for any future needs of the hospital.

The new power house, plans for which were furnished by Hollis French & Allen Hubbard, and the two extra boilers, were placed under contract in March. The contract for the power house was awarded by you to the lowest bidder, the Marr Brothers of Neponset, and work was commenced on it the 1st of April; it was completed the 1st of September. The steam boilers were built by Edward Kendall & Sons of Cambridge. A Wainwright hot water heater of 2,000 gallons capacity was furnished by the Taunton Locomotive Manufacturing Company, and also a feed water heater. The old return hot water tank being worn out from long service, a new one has been built to take its place. On examination by the Hartford Boiler Insurance Company's inspector it was found that the old boilers which had been in use fifteen years needed to be retubed to render them safe for further use; and this was done, incurring an extra expense of \$2,000. This was not expected when the cost of the new steam plant was estimated. The steam fitting has been done by Mr. Flynn, the hospital engineer, and his assistants, under the superintendence of French & Hubbard, the consulting engineers. The work will be done well, and it is thought at less expense than could have been done by con-

tract to outside parties. Contracts have been made with the Ames Iron Works for the two engines and with the Crocker, Wheeler Company for the two dynamos. The contract for the cold-storage apparatus was given to the Frick Company of Wānesboro, Penn., it being the lowest bidder, the brine system being used. The piping for the rooms insulated for the cold-storage will be done by an expert furnished by the company, who will have charge of the work, assisted by the hospital engineer and employees.

The wiring of the hospital for the electric lighting, which was begun a year ago, has been continued, and it is expected that it will be completed early in December, the female infirmary and chapel only remaining to be done. The two cottages for nurses and the industrial building are also wired.

Work is progressing on the farm stable, the old boiler house and the extension to the rear centre for cold storage, for which appropriations were made by the last Legislature, the work being placed by you under contract to the lowest bidder, Mr. L. M. Witherell of Taunton.

The small farm building designed for new milch cows and calves was completed early last year, and has since been used to house the farm horses, which were stabled in the hay barn before it was burned. It was very fortunate that this building had been completed, and could be used for that purpose until such time as a stable could be provided for the horses.

The cottage for patients at the Raynham farm was finished and occupied the 1st of May, the cold and severe weather of the winter having delayed somewhat its completion. It proves to be well planned and well adapted to its purpose, and furnishes excellent accommodations for about 40 patients. About 70 patients are now cared for at the Raynham colony, and that is as many as can be provided for and their labor utilized to advantage. More than that number would in a measure divert the farm from its original purpose, which was that of an adjunct to the home farm, and residence for such patients as could be profitably employed and given more liberty and freedom than is permissible at the hospital.

Considerable extra painting has been done in the old wings of the hospital, and much more will need to be done during the

coming year. Wards Nos. 4, 5 and 7 on the male side have been thoroughly painted and otherwise renovated. The repairing of the wards from the injury received from the wiring for the electric lighting is no inconsiderable expense.

The old brick oven, which has been in use about thirty years, is rapidly giving out and in danger of falling in very soon if continued in use. It should be rebuilt as soon as it can be, and if there is not sufficient time to get a special appropriation for it, the cost will have to be charged to the current expenditures. The expense under contract with the Bailey Oven Company, who built the new oven a few years ago, would be \$1,000.

With the present constructive operations and other improvements completed, the hospital will be very well equipped to care for the majority of patients that will be received for treatment. In the future evolution of the hospital some special classes of patients should be considered. Provision should be made at an early date for the tuberculous class, where they can be isolated from the other patients and given better hygienic accommodations, in accordance with the present methods of treating these cases.

Provision should also be made for increasing the facilities for bathing, and for giving hydropathic treatment to such patients as would seem to be benefited by it. Without the necessary appliances for this treatment no hospital at the present time can hardly be considered up to date. If arranged in connection with one of the bath rooms on each side of the house it would not be very expensive, but no estimate has yet been made of the probable cost.

The exterior wood work of the hospital and some of the out-buildings have not been painted for several years, and should be painted the coming year. An appropriation of \$4,000 would be needed for that purpose.

The expenditures for the current year, as shown by the treasurer's report, were greater than the year before; but the number of patients was greater by about 30, which made the weekly cost of support about the same as the previous year, excluding the extraordinary expenditures.

The increase of the pay roll was due largely to the greater number of nurses and attendants necessary to bring the service

within seventy hours a week, or ten hours a day. More was expended for food and clothing, by reason of more persons to feed and clothe; more for coal and gas, by reason of more buildings to heat and light, the house for male nurses and the cottage for patients at the Raynham colony having been completed and occupied during the year.

It would appear from the experience of the past two years that the weekly cost cannot be brought much, if any, below \$4, unless the number of patients is considerably increased, at least to 1,000. The expenditures for salaries and wages and for heat, light and power would be about the same for 900 as for 1,000, and the cost of food would not be increased in proportion to the increase in the number of patients.

The extraordinary expenditures were large by reason of unforeseen and unpreventable causes, the chief of which was the burning of the hay barn just after the year's crop of hay had been harvested, with all the farm horses and oxen and nearly one-third of the milch cows, and several farm carriages and other farm implements, the estimated loss of which to the hospital was not less than \$10,000.

While the expenditures of the hospital were increased from these various causes, the current income was less than the preceding year by \$2,446.18, it having been the previous year \$261,879.06 and the current year \$259,432.88. It should also be stated that any explanation of the financial condition of the hospital would be incomplete without mention of the fact that it receives a much less income from private patients than any of the other State hospitals. During the year covered by the last annual report this hospital received from private patients \$18,189.65, while Northampton received \$33,338.54, Danvers \$33,030.22, Westborough \$36,790.90 and Worcester Hospital \$50,035.32; and the comparison is still more unfavorable to Taunton Hospital when the average weekly rate paid by the private patients is considered, which is much less than that of the other hospitals.

Entertainments were given in the chapel once a week for six months of the year; a social dance once in two weeks; and a lecture illustrated by stereopticon, descriptive of foreign and home scenery and other interesting subjects once in two weeks, by Dr. Goss, Dr. Abbot and Dr. Baker. These lectures were

carefully prepared, were very interesting and instructive, and were much enjoyed by the patients and other residents of the hospital.

The usual number of picnics were given in the grove during the summer months, and enjoyment of them has not lessened as they have been repeated from year to year.

Mrs. Earl B. Duffy and the young people of St. John's parish entertained us very pleasantly one evening with a drama. Another pleasant entertainment was given by the dramatic company of the Taunton Grange in a pastoral drama.

Christmas was celebrated in the chapel in the usual manner by a Christmas tree and Christmas music by the hospital choir, and by the distribution of presents by Santa Claus, who delighted the audience by coming on the stage robed in fur, in a sleigh filled with Christmas presents drawn by two spirited reindeer, amid the jingling of bells and the clapping of hands, and introducing himself as the great world traveller who brings gifts and the spirit of good cheer to all Christendom, and especially to the inmates of Taunton Insane Hospital.

Periodicals and books were contributed by Milton Reed, Esq., of Fall River, Mass. Periodicals were also contributed by Dr. Henry R. Stedman, Brookline, Mass.; Dr. Charles Dutton, Wakefield, Mass.; and Mr. William Reed, Mrs. Dudley M. Holman and Mrs. C. F. Garniss of Taunton. "The New Bedford Daily Mercury" and "The Old Colony Memorial" continue to be received free of charge, and it would be gratifying if more papers were added to the free list.

The only change in the medical staff was the appointment of Dr. Dora W. Faxon, a graduate of Tufts Medical College, as assistant in the laboratory.

In closing this report, I wish to acknowledge the efficient service of the medical staff and also of the other officers and employees, nurses and attendants who have given faithful service to the hospital, some of them for many years. To the trustees, for their cordial and appreciative support and the helpful assistance they have given me so many years in all matters of business and of administration, I am sincerely grateful.

JOHN P. BROWN,
Superintendent.

PATHOLOGIST'S REPORT.

I have the honor to present the report of the clinical and pathological department for the year ending Sept. 30, 1905.

The general plan for the prosecution of the more strictly psychiatric studies has been briefly described in a previous report, and our clinical records have been compiled along the suggested outlines. Our aim has been, and is now, to place the medical work on the plane of a general hospital, having in mind not only the scientific study of psychiatry, but the treatment and possible cure of the individual patient.

The separation of the acutely sick and curable patients from the large number of chronic cases becomes a necessity, both from the administrative side and from a purely medical standpoint, comparatively soon after the admission of the patient, and it is significant of the modern tendency in the care of the insane. The requirements of these two classes differ essentially, and it is but natural that greater medical zeal and concentration of effort should be directed toward the acute incipient cases, where there is some prospect of a cure, or at least a hope of ameliorating the condition. No one can question the advance made in the care of the insane as a class, nor suspect that the chronic cases are in any way neglected, but we feel that more encouraging results would be accomplished were the conditions rendered more favorable for the scientific treatment of the acute forms by the introduction of more modern therapeutic facilities. It is to be hoped that the evolution of this idea will ultimately lead to the establishment of a separate building, analogous to the German psychiatric clinics. Until the consummation of this ideal feature a temporary expedient would at small expense partially serve the purpose, and afford an interesting experiment.

The infirmary wards, as at present constructed, do not offer the desired conditions, but the utilization of one ward in the male and female infirmary building, which could be fitted with the necessary equipment, is suggested. The advantages of such a plan are too well known to require further elaboration. The more distinctly “hospital” tone, the better training of the nursing staff and the idealizing of the work for the physician, are advantages secondary to the fundamental object, — the beneficial effect upon the patient.

The reservation of one room in the admission wards, free from the publicity and confusion of the open ward, for the mental and physical examinations of the patient, would be very desirable. Under present overcrowded conditions the individual study of the patient is hampered by the insufficient accommodation and the lack of privacy.

In our classification of the forms of mental disease we attempt, as far as practicable, to conform to the classification tables in use at the other State hospitals. It is unfortunate that no official united effort is directed to the effecting of greater uniformity in the classification throughout the State. The value of these statistics, which at present are collectively somewhat confusing, would be enhanced by the adoption of uniform tables.

In the laboratory department the investigations of the post-mortem findings of the material which came to autopsy has occupied the greater part of the time, though the usual clinical examinations which are required have been in no wise neglected. Within the past year 42 post-mortem examinations have been performed, a percentage of only 32 in a total of 124 deaths.

The nature of the mental disease in these cases which came to autopsy was as follows:

Senile dementia, . . .	13	Paranoia, . . .	1
General paralysis, . . .	9	Paranoid condition, . . .	1
Dementia præcox, . . .	4	Cerebral tumor, . . .	1
Manic-depressive insanity, . .	3	Chronic alcoholism, . . .	1
Acute delirium, . . .	3	Questionable diagnosis, . .	2
Organic brain disease, . . .	2		
Imbecility, . . .	1	Total, . . .	42
Involution melancholia, . .	1		

In April, 1905, Dr. Dora W. Faxon was appointed laboratory assistant. The greater part of the technical work is now in the hands of this assistant, under the direction of the pathologist, whose time is divided between the clinical ward work and the pathological laboratory.

The members of the staff have presented five original articles before different medical organizations during the past year.

HARRY W. MILLER, M.D.,
Pathologist.

OFFICERS AND THEIR SALARIES.

JOHN P. BROWN, M.D., <i>Superintendent</i> ,	\$3,000 00
ARTHUR V. GOSS, M.D., <i>Assistant Physician</i> ,	1,800 00
BENJAMIN W. BAKER, M.D., <i>Assistant Physician</i> ,	1,300 00
FLORENCE H. ABBOT, M.D., <i>Assistant Physician</i> ,	1,000 00
HORACE G. RIPLEY, M.D., <i>Assistant Physician</i> ,	800 00
HARRY W. MILLER, M.D., <i>Assistant Physician and Pathologist</i> ,	1,700 00
JOHN KITTREDGE, <i>Treasurer</i> ,	1,200 00
JAMES C. FLYNN, <i>Engineer</i> ,	1,100 00
FRANK W. BOYNTON, <i>Clerk</i> ,	1,000 00

VALUATION.

SEPT. 30, 1905.

Land, 300 acres,	\$47,600 00
Hospital buildings,	383,000 00
Brick barn and stable,	8,000 00
New barn,	5,000 00
Laundry building,	16,000 00
Industrial building,	12,000 00
Nurses' home building,	83,000 00
Other buildings and wall,	30,600 00
	<hr/> \$585,200 00

PERSONAL ESTATE.

Live stock on the farms,	\$14,268 80
Produce of the farms on hand,	5,967 25
Carriages and agricultural implements,	8,800 94
Other property of the farms,	575 00
Machinery and mechanical fixtures,	37,000 00
Beds and bedding in inmates' department,	30,370 08
Other furniture in inmates' department,	14,423 50
Personal property of the State in the superin-	
tendent's department,	17,663 48
Dry goods and clothing,	12,157 54
Provisions and groceries,	3,025 49
Drugs and medicines,	600 00
Fuel,	4,000 00
Library,	1,800 00
Other supplies undistributed,	3,130 10
	<hr/> 153,772 18
	<hr/> \$738,972 18

TREASURER'S REPORT.

I respectfully submit the following report of the finances of the institution for the year ending Sept. 30, 1905, to the trustees: —

RECEIPTS.

Balance with the State Treasurer Oct. 1, 1904, .	\$60,509 04
Balance on hand Sept. 30, 1904, to be paid to State Treasurer,	935 60
Placed with the State Treasurer by the State Board of Insanity,	391 71
Placed with the State Treasurer by the Attorney-General,	374 19
Placed with the State Treasurer by the city of Boston,	442 71
Placed with the State Treasurer by the town of Dennis,	93 52
Appropriation for support of State patients, .	161,958 00
	<hr/> \$224,704 77
Collections made from Oct. 1, 1904, to Sept. 30, 1905, and paid to the State Treasurer: —	
From towns,	\$1,239 17
From individuals,	18,936 96
From individuals, reimbursements,	8,692 25
From other sources,	5,859 73
	<hr/> 34,728 11
Total receipts,	<hr/> \$259,432 88

PAYMENTS.

Total payments, as per detailed statement,	229,620 22
Balance with State Treasurer Sept. 30, 1905,	<hr/> \$29,812 66

FINANCIAL STANDING OF THE HOSPITAL SEPT. 30, 1905.

Due the institution for board, Sept. 30, 1905: —

From individuals,	\$6,558 20
From individuals, reimbursements,	2,915 75
	<hr/>
<i>Amount carried forward,</i>	<i>\$9,473 95</i>

<i>Amount brought forward,</i>	\$9,473 95	
Balance of receipts and maintenance appropriation with State Treasurer,	29,812 66	
Cash on hand Sept. 30, 1905, payable to State Treasurer,	1,185 71	
		\$40,472 32
Miscellaneous bills due Sept. 30, 1905,		24,658 33
Balance in favor of the hospital Sept. 30, 1905,		\$15,813 99

DETAILED EXPENSES FOR THE YEAR ENDING SEPT. 30, 1905.

Salaries, wages and labor:—

Medical officers, stenographers and druggist,	\$11,868 98	
General administration,	20,281 58	
Ward service,	34,787 34	
Repairs and improvements,	3,247 13	
Farm, stable and grounds,	9,477 28	
		\$79,662 31

Food:—

Butter,	\$11,436 91	
Butterine,	93 00	
Beans,	690 72	
Bread and crackers,	683 92	
Cereals, rice, meal, etc.,	1,370 31	
Cheese,	579 57	
Eggs,	3,152 63	
Flour,	8,229 09	
Fish,	3,088 65	
Fruit,	1,961 55	
Meats,	16,895 28	
Molasses,	646 52	
Sugar,	3,049 24	
Tea, coffee, broma and cocoa,	2,108 84	
Vegetables,	1,358 85	
Lard,	799 79	
Sundries,	876 91	
		57,021 78

Clothing and clothing materials:—

Boots, shoes and rubbers,	\$251 55	
Clothing,	2,254 96	
Dry goods for clothing and small wares,	1,809 74	
Furnishing goods,	406 60	
Hats and caps,	142 75	
Leather and shoe findings,	551 17	
Sundries,	448 54	
		5,865 31

Amount carried forward, \$142,549 40

Amount brought forward, \$142,549 40

Furnishings: —

Beds, bedding, table linen, etc.,	\$5,580 34	
Brushes, brooms, etc.,	361 80	
Carpets, rugs, etc.,	1,014 14	
Crockery, glassware, cutlery, etc.,	795 20	
Kitchen furnishings,	704 66	
Furniture and upholstery,	824 20	
Wooden ware, buckets, pails, etc.,	96 84	
Sundries,	1,269 46	
		10,646 64

Heat, light and power: —

Coal,	\$15,760 15	
Gas,	3,944 05	
Wood,	241 57	
Oil,	313 49	
Sundries,	3,362 40	
		23,621 66

Repairs and improvements: —

Bricks,	\$321 53	
Cement, lime and plaster,	178 83	
Doors, sashes, etc.,	340 43	
Hardware,	782 03	
Lumber,	3,216 31	
Machinery, etc.,	76 90	
Paints, oil, glass, etc.,	1,579 32	
Plumbing, steam fitting and supplies,	929 68	
Roofing and materials,	159 43	
Mechanics and laborers (not on pay roll),	2,798 24	
Sundries,	1,767 37	
		12,150 07

Farm, stable and grounds: —

Blacksmith and supplies,	\$666 79	
Carriages, wagons and repairs,	846 42	
Fertilizers, vines, seeds, etc.,	1,882 53	
Hay, grain, etc.,	13,886 58	
Harness and repairs,	442 26	
Cows,	3,430 19	
Horses,	1,710 40	
Other live stock,	803 80	
Rent,	378 66	
Tools, farm machines, etc.,	672 46	
Sundries,	1,171 15	
		25,891 24

Miscellaneous: —

Books, periodicals, etc.,	\$466 28	
Chapel services and entertainments,	811 07	
Freight, expressage and transportation,	755 46	
Funeral expenses,	179 63	

Amounts carried forward, \$2,212 44 \$214,859 01

<i>Amounts brought forward,</i>	\$2,212 44	\$214,859 01
Hose, etc.,	133 50	
Medicines and hospital supplies,	1,883 08	
Medical attendance, nurses, etc.,	63 00	
Postage,	124 00	
Printing and printing supplies,	368 25	
Printing annual report,	177 86	
Return of runaways,	5 26	
Soap and laundry supplies,	1,415 22	
Stationery and office supplies,	580 20	
School books and school supplies,	192 00	
Travel and expenses (officials),	523 10	
Telephone and telegraph,	469 66	
Tobacco,	1,007 27	
Water,	2,917 92	
Laboratory supplies,	138 05	
Sundries,	2,291 50	
		14,502 31
Specially authorized expenditures:—		
Silo, hoisting engine and feed cutter,		258 90
Total expenditures,		\$229,620 22
Dividing this sum by 932.5, the average number of patients,		
we have the annual cost of each patient,		\$246 24
And the average weekly cost of		4 74
Deducting from the current expenditures,	\$229,620 22	
The extraordinary expenses,	22,104 29	
		\$207,515 93
Dividing \$207,515.93 by 932.5, the average number of patients,		
we have the annual cost of each patient,		\$222 54
And the average weekly cost of		4 28

FINANCIAL STATEMENT.

Of the appropriation made by the Legislature of 1903 for the construction, furnishing and equipping a building for nurses, a cottage at the Raynham colony, enlarging the dining rooms, purchase of a new heater, circulating tank and pump and purchase of land:—

Amount of appropriation,	\$81,300 00
Drawn to Sept. 30, 1904,	\$63,118 44
Since drawn to date, viz.:—	
Nurses' home,	\$7,110 80
Cottage at Raynham colony,	7,925 64
	15,036 44
	78,154 88
Balance of appropriation,	\$3,145 12

Of the appropriation made by the Legislature of 1904 for repairing, reconstructing and refurnishing that part of the hospital damaged by fire, for fireproof doors, casings, frames, transoms and galvanized-iron flues, for laying new water main, for an addition to the laundry, for laundry machinery, for finishing and furnishing the attic of the women nurses' home, for a farm building and for installing an electric plant :—

Amount of appropriation,	\$116,800 00
Drawn to Sept. 30, 1904,	\$44,408 76

Since drawn to date, viz. :—

Repairing burned wing,	\$4,168 96		
New water main,	4,099 57		
Addition to laundry,	4,130 68		
Laundry machinery,	4,000 00		
Finishing attic of women nurses' home,	69 80		
Installing electric plant,	31,403 46		
Farm buildings,	1,002 44		
Fireproof doors, frames, casings, transoms, etc.,	3,052 71		
		<u>51,927 62</u>	
			<u>96,336 38</u>
Balance of appropriation,			\$20,463 62

Of the appropriation made by the Legislature of 1905 for finishing and furnishing the attic of the male nurses' home, for alterations of and additions to the rear centre building and for installing and equipping therein a cold-storage plant, for raising the roof and constructing an additional story in the old boiler house and for completing the electric plant :—

Amount of appropriation,	\$36,055 00
Drawn to date, viz. :—	
Cold-storage plant,	\$1,859 15
Alterations in old boiler house,	145 47
	<u>2,004 62</u>
Balance of appropriation,	\$34,050 38

Of the appropriation made by the Legislature of 1905 for the construction of a stable for farm horses and for the purchase of the Leonard farm :—

Amount of appropriation,	\$8,500 00
Drawn to date, viz.: —	
Stable for farm horses,	\$120 12
Purchase of the Leonard farm,	4,500 00
	<hr/>
	4,620 12
Balance of appropriation,	<hr/> \$3,879 88

JOHN KITTREDGE,

Treasurer.

TAUNTON, MASS., Sept. 30, 1905.

[illegible]

RAYNHAM FARM PRODUCE.

VALUE OF RAYNHAM FARM PRODUCE FROM OCT. 1, 1904, TO OCT. 1, 1905.

165,534	quarts milk,	\$7,452 16
813 $\frac{1}{2}$	dozen eggs,	233 43
$\frac{1}{4}$	dozen duck eggs,	15
170	bunches asparagus,	20 40
577	pounds beets,	5 18
61	bushels beet greens,	24 40
57	bushels string beans,	57 00
6,736	pounds cabbage,	129 66
2,812	pounds carrots,	23 27
2	bunches celery,	40
145	bushels corn (ears),	44 48
8 $\frac{1}{4}$	bushels cucumbers,	16 50
434	heads lettuce,	13 02
6 $\frac{3}{4}$	bushels lettuce,	2 70
444	pounds onions,	6 47
49,893	pounds potatoes,	880 20
1,236	pounds pumpkins,	12 36
189	pounds parsnips,	3 09
61	bushels peas,	69 00
46	pounds rhubarb,	46
43	bunches radish,	1 29
1,045	pounds squash,	17 45
21,308	pounds turnips,	150 17
13 $\frac{3}{4}$	bushels tomatoes,	6 21
104	watermelons,	52
11	barrels apples,	22 00
1	bushel apples,	1 38
273	quarts currants,	21 84
36	pounds grapes,	72
17	quarts gooseberries,	1 70
203	pounds pears,	3 37

94	quarts raspberries,	.	.	.	.	.	.	\$9 40
837	quarts strawberries,	.	.	.	.	.	.	75 33
6,029	pounds beef,	.	.	.	.	.	.	482 32
1,773	pounds pork,	.	.	.	.	.	.	112 00
109	pounds ducks,	.	.	.	.	.	.	26 75
425	pounds poultry,	.	.	.	.	.	.	64 46
100	pounds chickens,	.	.	.	.	.	.	15 60
342,660	pounds hay,	.	.	.	.	.	.	2,583 08
58,435	pounds grass,	.	.	.	.	.	.	96 54
29,985	pounds winter rye,	.	.	.	.	.	.	74 96
416,998	pounds ensilage,	.	.	.	.	.	.	1,042 50
9	pigs,	.	.	.	.	.	.	35 00
14	cows,	.	.	.	.	.	.	320 00
32	calves,	.	.	.	.	.	.	67 00
4	oxen,	.	.	.	.	.	.	285 00
	Hide, tallow and junk,	.	.	.	.	.	.	86 58
	Boarding horse,	.	.	.	.	.	.	68 50
200	tons ice,	.	.	.	.	.	.	100 00
								\$14,766 00

WORK DONE IN THE SEWING ROOM

FROM OCT. 1, 1904, TO OCT. 1, 1905.

592 wrappers.	98 men's aprons.
20 dresses.	115 nurses' aprons.
2 black dresses.	150 white aprons.
2 chapel dresses.	108 nurses' apron bibs.
6 dresses repaired.	10 flannel shirts.
8 shirt waist suits.	156 sick shirts.
1 uniform suit.	16 chair covers.
3 shirt waists.	18 chair ticks.
38 strong gingham dresses.	15 hall cushion covers.
6 strong jackets.	22 hassock ticks.
10 strong skirts.	1 bound mattress tick.
23 strong dresses.	5 double mattress ticks.
8 linen camisoles.	344 pillow ticks.
12 canton flannel camisoles.	12 canton flannel nightdresses.
2 camisole sleeves.	27 holders.
4 belts.	1 laundry machine cover.
12 stand covers.	2 barber's aprons.
3 bands.	132 mattress ticks.
18 bureau covers.	3 rugs hemmed.
12 commode covers.	3 rugs bound.
2 corset covers.	9 rugs fringed.
46 pairs mittens.	65 men's neckties.
18 attendant's laundry bags.	98 bread covers.
61 hall laundry bags.	47 hay beds.
36 pairs women's flannel drawers.	23 table cloths.
47 men's drawers.	2 milk strainers.
368 men's shirts.	181 white curtains
157 women's cotton drawers.	172 sash curtains.
76 chemises.	647 nurses' caps.
111 white skirts.	189 sick cloths.
178 short nightdresses.	222 bath towels.
265 long nightdresses.	984 attendant's towels.
1 covering for splint.	933 pillow slips.
4 blankets bound.	463 draw sheets.
24 mattings bound.	756 hall sheets.
124 table napkins hemmed.	6 coffee strainers.

MENDING DONE IN THE SEWING ROOM

FROM OCT. 1, 1904, TO OCT. 1, 1905.

714 pairs pants.	171 vests.
2,070 pairs drawers.	140 coats.
131 pairs overalls.	119 summer coats.
6,490 pairs stockings.	67 laundry bags.
23 jumpers.	456 hay beds.
121 white shirts.	22 strong dresses.
1,603 colored shirts.	59 camisoles.
276 short shirts.	14 strong gingham dresses.
845 undershirts.	4 ticking aprons.
22 night shirts.	1 restraint sheet.
288 bibs.	35 bed spreads.

WORK DONE ON THE WARDS

FROM OCT. 1, 1904, TO OCT. 1, 1905.

1,731 sheets.	142 bureau covers.
2,050 pillow slips.	100 stand covers.
811 single roller towels.	56 ticking aprons.
278 double roller towels.	191 gingham aprons.
377 linen towels.	61 women's skirts.
2,010 bath towels.	126 women's drawers.
25 holders.	55 pairs wristers.
6 strainers.	100 sick cloths.
8 pairs women's knit hose.	70 bath cloths.
144 laundry bags.	900 bibs.
209 men's suspenders.	45 men's drawers.
277 hemmed rugs.	41 men's cotton shirts.
93 knitted dish cloths.	116 bread covers.
86 table cloths.	3 pairs women's knit leggings.
176 table napkins.	24 laundry bag strings.
141 commode covers.	112 draw sheets.

WORK DONE IN THE UPHOLSTERING DE-
PARTMENT OF THE INDUSTRIAL
BUILDING

FROM OCT. 1, 1904, TO OCT. 1, 1905.

603 hair mattresses made.	22 chair cushions.
670 pillows made.	2 sofas.
470 mattresses renovated.	12 morris chair cushions.
500 pillows renovated.	3 couches.
16 long settee cushions.	6 lounges.
7 easy chairs.	8 hassocks.
9 parlor chairs.	6 easy chairs repaired.
5 dining chairs.	3 sofas repaired.
3 student chairs.	7 barber chairs repaired.
4 rocking chairs.	1,500 pounds curled hair hand picked.

WORK DONE IN THE INDUSTRIAL BUILDING

FROM OCT. 1, 1904, TO OCT. 1, 1905.

127 pairs men's pants made.	4 men's shirts repaired.
16 men's vests made.	2 women's skirts pressed.
138 pairs overalls made.	95 blankets repaired.
98 jumpers made.	12 carpets repaired.
12 shirts made.	4 suspenders repaired.
29 camisoles made.	73 harness straps and belts repaired.
2 combination suits made.	9 hot-water bottles repaired.
98 cloth mittens made.	10 baseballs repaired.
46 canvas mittens made.	371 men's shoes made.
69 door mats made.	246 men's slippers made.
14 rugs made.	84 women's slippers made.
21 mitten straps made.	884 men's shoes repaired.
6 knee pads made.	406 men's slippers repaired.
4 rubber aprons made.	75 men's rubber boots repaired.
492 men's coats repaired and pressed.	224 women's shoes repaired.
1,801 men's pants repaired and pressed.	302 women's slippers repaired.
167 men's vests repaired and pressed.	380 rubber heels put on.
492 men's suits pressed.	57 chairs caned.
30 men's suits repaired.	50 chairs basketed.
	39 chairs wood seated.
	266 chairs varnished.

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

I.—General Statistics of the Year.

	INSANE.			HABITUAL DRUNKARDS.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1904,	525	397	922	-	4	4	525	401	926
Admitted within the year, . . .	254	211	465	-	5	5	254	216	470
Viz.: by commitment, . . .	232	186	418	-	5	5	232	191	423
by transfer, . . .	9	18	27	-	-	-	9	18	27
from escape, . . .	1	-	1	-	-	-	1	-	1
from visit, ¹ . . .	12	7	19	-	-	-	12	7	19
Whole number of cases within the year, . . .	779	608	1,387	-	9	9	779	617	1,396
Dismissed within the year, . . .	298	184	482	-	6	6	298	190	488
Viz.: Discharged, . . .	114	71	185	-	4	4	114	75	189
as recovered at time of leaving hospital, . . .	28	28	56	-	-	-	28	28	56
as much improved, . . .	38	7	45	-	4	4	38	11	49
as improved, . . .	30	20	50	-	-	-	30	20	50
as not improved, . . .	18	14	32	-	-	-	18	14	32
as not insane, . . .	-	2	2	-	-	-	-	2	2
Died, . . .	64	60	124	-	-	-	64	60	124
Transferred, . . .	85	31	116	-	-	-	85	31	116
Escaped, . . .	4	1	5	-	-	-	4	1	5
On visit October 1, . . .	31	21	52	-	2	2	31	23	54
Patients remaining Sept. 30, 1905, . . .	481	424	905	-	3	3	481	427	908
Viz.: supported as State patients, . . .	448	374	822	-	3	3	448	377	825
as private patients, . . .	33	50	83	-	-	-	33	50	83
Number of different persons within the year, . . .	772	601	1,373	-	9	9	772	610	1,382
Number of persons admitted, . . .	248	206	454	-	5	5	248	211	459
Number of different persons admitted by commitment, . . .	227	182	409	-	5	5	227	187	414
Number of persons recovered, . . .	29	28	56	-	-	-	29	28	56
Daily average number of patients, . . .	510.8	416.3	927.2	-	4.5	4.5	510.9	420.8	931.7
Viz.: State patients, . . .	480.1	365.6	845.7	-	4.5	4.5	480.1	370.1	850.2
private patients, . . .	30.8	50.7	81.5	-	-	-	30.8	50.7	81.5
Nominally admitted for discharge, . . .	12	7	19	-	-	-	12	7	19

¹ Nominally admitted for discharge.

2. — *Insane received on First and Subsequent Commitments.*

NUMBER OF THE ADMISSION.	CASES COMMITTED.		
	Males.	Females.	Totals.
First to this hospital,	198	150	348
Second to this hospital,	23	21	44
Third to this hospital,	6	9	15
Fourth to this hospital,	3	3	6
Fifth to this hospital,	2	2	4
Thirteenth to this hospital,	-	1	1
Total cases,	232	186	418
Total persons,	227	182	409
Never before in any hospital for the insane,	172	139	311

3. — *Nativity and Parentage of Insane Persons first admitted to Any Hospital.*

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts,	59	32	29	52	27	28	111	59	57
Other New England States,	11	9	12	15	7	8	26	16	20
Other States,	7	4	9	11	3	5	18	7	14
United States,	-	1	2	-	1	-	-	2	2
Total native,	77	46	52	78	38	41	155	184	93
Other countries:—									
Armenia,	1	1	1	-	-	-	1	1	1
Austria,	1	1	1	1	-	-	2	1	1
Azores,	5	6	6	2	3	2	7	9	8
Canada,	26	24	25	10	12	13	36	36	38
Cape Verde Islands,	6	5	5	-	-	-	6	5	5
China,	1	1	1	-	-	-	1	1	1
Denmark,	-	-	-	1	1	1	1	1	1
England,	18	15	12	10	9	10	28	24	22
Finland,	1	1	1	-	-	-	1	1	1
France,	-	1	1	1	3	2	1	4	3
Germany,	4	4	4	2	2	2	6	6	6
Ireland,	22	43	38	22	36	35	44	79	73
Norway,	1	1	1	-	-	-	1	1	1
Poland,	1	1	1	-	-	1	1	2	2
Portugal,	1	2	1	1	1	-	2	2	1
Russia,	1	1	1	2	2	2	3	3	3
Scotland,	1	5	4	4	5	4	5	10	8
Sweden,	4	4	4	3	2	2	7	6	6
Wales,	1	-	-	-	1	-	1	1	-
Total foreign,	95	116	107	59	77	74	154	193	181
Unknown,	-	10	13	2	24	24	2	34	37
Totals,	172	172	172	139	139	139	311	311	311

4. — *Residence of Insane Persons admitted by Commitment.*

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable County,	4	6	10	1	1	2
Bristol County,	93	67	160	29	21	50
Dukes County,	1	2	3	1	1	2
Middlesex County,	1	—	1	—	—	—
Nantucket County,	—	—	—	1	1	2
Norfolk County,	22	14	36	5	3	8
Plymouth County,	23	24	47	8	7	15
Suffolk County,	28	26	54	10	9	19
Totals,	172	139	311	55	43	98
Viz., cities or towns (10,000 or over),	128	89	217	41	31	72
country districts (under 10,000),	44	50	94	14	12	26

5. — *Civil Condition of Insane Persons first admitted to Any Hospital.*

	Males.	Females.	Totals.
Unmarried,	68	57	125
Married,	85	43	128
Widowed,	16	37	53
Divorced,	3	2	5
Totals,	172	139	311

6. — Occupations of Insane Persons first admitted to Any Hospital.

MALES.	
Barbers,	3
Bartender,	1
Baker,	1
Bicycle repairer,	1
Blacksmiths,	3
Bricklayer,	1
Captain of fire department,	1
Carpenters,	7
Clerks,	4
Colorer of jewelry,	1
Cutler,	1
Engineers,	2
Farmers,	6
Florist,	1
Freight handler,	1
Hatter,	1
Insurance agent,	1
Laborers,	29
Laundrymen,	2
Lineman,	1
Liveryman,	1
Machinists,	5
Manufacturer,	1
Mason,	1
Mechanic,	1
Merchant,	1
Mill operatives,	25
No occupation,	18
Painters,	2
Peddlers,	2
Physician,	1
Plasterer,	1
Printer,	1
Publisher,	1
Real estate broker,	1
Sailors,	9
Salesmen,	4
Shoe operatives,	9
Shovel maker,	1
Stone cutter,	1
Students,	2
Tack maker,	1
Tanners,	2
Teamsters,	4
Trader,	1
Veterinary surgeon,	1
Waiter,	1
Wood chopper,	1
Wool sorter,	1
Total,	168
Unknown,	4
Total,	172

6. — *Occupations of Insane Persons first admitted to Any Hospital —*
Concluded.

FEMALES.

Bookkeeper,	1	Milliner,	1
Domestics,	8	Mill operatives,	6
Dressmakers,	2	No occupation,	8
Hat maker,	1	School teacher,	1
Hose worker,	1	Shoe operatives,	2
Housekeeper,	1	Trained nurse,	1
Housewives,	6	Window cleaner,	1

WIFE OR DAUGHTER OF —

Bartender,	1	Overseer, mill,	1
Blacksmith,	1	Paper maker,	1
Bookkeepers,	2	Patrol driver,	1
Brakeman,	1	Pattern maker,	1
Butcher,	1	Plumber,	1
Candlemaker,	1	Printer,	1
Carpenters,	2	Quarryman,	1
Commercial traveller,	1	Railroad postal clerk,	1
Cook,	1	Real estate broker,	1
Driver,	1	Rigger,	1
Engineer,	1	Sailor,	1
Express driver,	1	School teachers,	2
Farmers,	15	Shipper,	1
Fisherman,	1	Shoe operatives,	10
Foundryman,	1	Shovel maker,	1
Glass blower,	1	Soldiers,	2
Insurance agent,	1	Stitcher,	1
Jewellers,	3	Stove moulder,	1
Laborers,	9	Teamsters,	3
Machinists,	6	Wagon maker,	1
Market gardener,	1	Wheelwright,	1
Merchant,	1	Wood carver,	1
Mill operatives,	9		
Moulder,	1	Total,	139
Night watchman,	1		

7.—Ages of Insane at First Attack, Admission and Death.

AGES.	FIRST ADMITTED TO ANY HOSPITAL.			DIED.		
	AT FIRST ATTACK.			AT FIRST ATTACK.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	5	1	6	—	2	2
15 years and less,	6	7	13	2	1	3
From 15 to 20 years,	7	7	14	7	8	15
20 to 25 years,	11	13	24	14	12	26
25 to 30 years,	22	15	37	23	17	40
30 to 35 years,	15	9	24	18	12	30
35 to 40 years,	16	7	23	22	10	32
40 to 50 years,	29	15	44	31	18	49
50 to 60 years,	18	16	34	22	16	38
60 to 70 years,	15	15	30	17	17	34
70 to 80 years,	8	6	14	11	18	29
Over 80 years,	3	4	7	5	7	12
Totals,	155	115	270	172	138	310
Unknown,	17	24	41	—	1	1
Totals,	172	139	311	172	139	311
Mean known ages in years,	40.7	41.8	41.3	43.0	45.6	44.3
				52.2	44.8	48.5
				64	60	124
				58.9	43.5	51.2

9. — *Probable Duration of Mental Disease before Admission.*

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.		
	Males.	Females.	Totals.
Congenital,	6	1	7
Under 1 month,	24	21	45
From 1 to 3 months,	33	19	52
3 to 6 months,	16	14	30
6 to 12 months,	13	7	20
1 to 2 years,	20	15	35
2 to 5 years,	25	26	51
5 to 10 years,	12	12	24
10 to 20 years,	5	6	11
Over 20 years,	3	2	5
Total,	157	123	280
Unknown,	15	16	31
Total,	172	139	311
Average known duration in years,	3.3	3.1	3.2

[illegible]

11. — Discharges of the Insane, classified by Admission and Result, and Death.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, . . .	21	23	44	30	4	34	27	16	43	15	10	25	—	1	1	55	44	99	148	98	246
Second to this hospital, . . .	5	4	9	4	3	7	2	2	4	2	4	6	—	—	—	7	13	20	20	26	46
Third to this hospital, . . .	2	1	3	—	—	—	1	1	2	—	—	—	—	1	1	1	1	2	4	4	8
Fourth to this hospital, . . .	—	—	—	2	—	2	—	1	1	—	—	—	—	—	—	—	2	2	2	3	5
Fifth to this hospital, . . .	—	—	—	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—	2	—	2
Sixth to this hospital, . . .	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Seventh to this hospital, . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	1	—	1
Total cases, . . .	28	28	56	38	7	45	30	20	50	18	14	32	—	2	2	64	60	124	178	131	309
Total persons, . . .	28	28	56	38	7	45	30	19	49	18	13	31	—	2	2	64	60	124	177	129	306
First admitted to any hospital, . . .	19	22	41	27	4	31	23	16	39	11	10	21	—	1	1	52	42	94	132	95	227

12. — Causes of Death and Form of Mental Disease in Persons who died — Continued.

CAUSES.	AGGREGATES.			IMBECILITY.			DEMENTIA PRÆCOX.			EPILEPTIC INSANITY.			PARANOIA.			PARANOIC CONDITION.			GENERAL PARALYSIS.			INVOLUTION MELAN-CHOLIA.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.			
DISEASES OF THE CIRCULATORY SYSTEM.																								
Arteriosclerosis,	6	3	9	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Endocarditis and general paralysis,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hemorrhoidal hemorrhage,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Phlebitis (leg) with pelvic fibroid,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Septic phlebitis,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Valvular heart disease,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DISEASES OF THE RESPIRATORY SYSTEM.																								
Bronchitis, chronic,	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-		
Bronchopneumonia,	4	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bronchopneumonia and acute delirium,	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lobar pneumonia,	9	1	10	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lobar pneumonia and general paralysis,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lobar pneumonia and cerebral hemorrhage,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lobar pneumonia and organic brain disease,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lobar pneumonia and septicæmia,	1	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lobar pneumonia, acute,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Edema of lung,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Pulmonary tuberculosis,	4	4	8	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Tubercular bronchopneumonia,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DISEASES OF THE DIGESTIVE SYSTEM.																								
Abdominal tumor and general paralysis,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-		
Enteritis, acute,	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Gastroenteritis,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Gastroenteritis, acute,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hemorrhage from bowels and general paralysis,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-		
Peritonitis and general paralysis,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Peritonitis with acute gastritis and dilatation of stomach,	2	-	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	-	-		

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.									
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.			WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.			
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	
4. — Recovered: —																
Under 1 month,	9	5	14	2	-	2	1	-	1	-	-	-	-	-	-	
From 1 to 3 months,	3	6	9	11	6	17	7	4	11	-	-	-	1	-	1	
3 to 6 months,	1	1	2	3	6	9	2	1	3	2	1	-	2	1	3	
6 to 12 months,	-	3	3	1	6	7	1	5	6	1	1	1	2	1	3	
1 to 2 years,	2	2	4	2	1	3	5	3	8	2	-	2	4	1	5	
2 to 5 years,	2	3	5	-	1	1	-	5	5	1	1	2	1	1	1	
5 to 10 years,	-	-	-	-	2	2	1	2	3	2	1	3	-	1	1	
10 to 20 years,	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	
Over 20 years,	-	1	1	-	-	-	-	1	1	-	1	1	-	-	-	
Totals,	17	21	38	19	22	41	17	21	38	5	5	10	9	6	15	
Unknown,	2	1	3	-	-	-	2	1	3	4	1	5	-	-	-	
Totals,	19	22	41	19	22	41	19	22	41	9	6	15	9	6	15	
Average of known cases (in months),	6.6	23.7	15.1	4.1	13.	8.6	16.1	31.2	23.7	50.9	43.	47.	3.2	20.7	12.	

B.—Died :—

Under 1 month, . . .	4	2	6	14	7	21	3	—	3	—	—	—	—	1	—	1	—	1	1
From 1 to 3 months, . . .	7	4	11	9	5	14	3	3	6	—	—	—	—	—	—	—	—	1	1
3 to 6 months, . . .	6	3	9	4	2	6	2	2	4	—	—	—	—	—	—	—	—	1	1
6 to 12 months, . . .	4	3	7	7	5	12	1	1	2	—	—	—	—	—	—	—	2	2	2
1 to 2 years, . . .	3	3	6	6	5	11	6	2	8	—	—	—	—	1	—	1	—	1	1
2 to 5 years, . . .	11	11	22	6	10	16	14	9	23	1	1	3	4	6	2	6	2	8	8
5 to 10 years, . . .	6	2	8	3	4	7	10	9	19	4	4	3	7	3	5	3	5	8	8
10 to 20 years, . . .	5	4	9	2	2	4	6	3	9	2	2	6	8	1	4	1	4	5	5
Over 20 years, . . .	—	3	3	1	2	3	1	6	7	3	3	2	5	—	2	—	2	2	2
Totals, . . .	46	35	81	52	42	94	46	35	81	11	14	25	12	17	29	12	17	29	29
Unknown, . . .	6	7	13	—	—	—	6	7	13	1	4	5	—	—	1	—	1	1	1
Totals, . . .	52	42	94	52	42	94	52	42	94	12	18	30	12	18	30	12	18	30	30
Average of known cases (in months), . . .	44.1	67.	55.6	20.8	48.3	39.6	61.3	120.5	90.9	149.5	181.6	165.6	58.	60.5	59.8	58.	60.5	59.8	59.8

FIFTY-THIRD ANNUAL REPORT

OF

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EVERETT H. LEONARD,	<i>Farmer at Raynham Col-</i> <i>ony Farm.</i>

TREASURER.

FRANK W. BOYNTON,	TAUNTON.
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Office at the Hospital.

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Taunton Insane Hospital beg leave to present their fifty-third annual report.

There have been 511 admissions during the past year, and the total number under treatment has been 1,419, which is 23 more than the previous year; 476 persons have been dismissed; the daily average number of patients has been 945, which is 13.3 more than last year; 106 patients have died.

Five hundred and fifty-six patients have been employed about the premises, and of this number 174 have had their parole. There has been less out of door work which the patients could do, and therefore the number of workers is very much less than it was last year.

Of the 10 men who have escaped 8 have returned, and the other 2 are being cared for by their friends.

The training school for nurses is doing good work under the efficient management of Miss Harriette M. Seaver, and this year 8 graduates have received diplomas.

Nearly all of the new work and changes which have been in progress for several years are now completed. The main buildings were lighted by electricity in August, and the two nurses' homes and other buildings will soon be lighted. Much exterior painting has been done both at the hospital and at the Raynham farm, and several of the wards have had fresh coats of paint. The buildings are in very good repair. The cold-storage plant is working very satisfactorily, and all the ice used at the hospital has been made on the premises, at a cost

very much less than if it had been supplied from other sources. The old brick oven has been replaced by a new one, so that the bakery has now two modern ovens, capable of doing all that may be required of them.

Since the last report many changes have occurred in the executive staff, and familiar forms and faces will hereafter be seen only occasionally, if at all. Mr. John Kittredge, after a faithful service as treasurer since 1862, resigned last December, and was succeeded by Mr. Frank W. Boynton, who had been his clerk several years. On Jan. 1, 1906, the office of steward was created, and Mr. Otis E. White was elected to that position.

The resignation of Dr. John P. Brown as superintendent of the Taunton Insane Hospital was received November 15 by the Board of Trustees with sincere regret, and they desire to record their profound appreciation of his great and valuable services to the institution.

The utmost confidence has existed between Dr. Brown and the trustees from the beginning to the end of his administration. His ripe judgment, quick insight into the growing needs of the hospital insane, and the most approved means of developing an institution to meet them, as well as his native talent for quiet, effective organization and management, soon established his rank as a hospital administrator of the first order, which he has maintained to the close of an unusually long official career.

His equable and cheerful nature, calmness and patience, firmness and gentleness, have been reflected in his influence in dealing with the patients; and he brought to the work not only the highest professional skill, but a sympathy and tenderness of heart that enabled him to do everything that was possible for their comfort and amelioration of their sufferings in mind and body. His thoughtfulness and consideration have always made the work of the trustees a pleasant and agreeable duty.

In accepting his resignation they realized that they were losing the services of a most efficient and capable official, and one for whom they had the greatest respect and esteem, and they extend to him their best wishes in his retirement.

Dr. Arthur V. Goss was elected to succeed Dr. Brown. He has been connected with the hospital since 1892, and for the past eleven years has been associated with Dr. Brown as his first assistant. He is, therefore, thoroughly familiar with its needs and capabilities, and the trustees feel that he is capable of rendering good and efficient service as superintendent.

The trustees are pleased to state that the finances of the hospital are in improved condition, for particulars of which reference is made to the superintendent's report.

Respectfully submitted,

NATHL. B. BORDEN.

LOYED E. CHAMBERLAIN.

JAS. P. FRANCIS.

HENRY R. STEDMAN.

SUSAN E. LEAROYD.

ELIZABETH C. M. GIFFORD.

WILLIAM C. LOVERING.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton Insane Hospital.

In compliance with the by-laws of your Board I present to you the fifty-third annual report of the superintendent, for the year ending Nov. 30, 1906.

At the beginning of the year there were in the hospital 908 patients, — 481 men and 427 women. There were admitted during the year 511, — 286 men and 225 women, — 249 men and 187 women by commitment, 6 men and 15 women by transfer; making the whole number under treatment 1,419, which is 23 more than were under treatment the previous year.

There were dismissed during the year 476 patients, — 269 men and 207 women, — as follows: 30 were discharged as recovered, 32 as capable of self-support, 75 as improved, 29 as not improved, 2 as not insane, 106 died, 2 of those who escaped were still at large, and 103 were out on visit at the close of the statistical year. Of the 476 patients dismissed, 5 women were under commitment as habitual drunkards, 2 of whom were discharged as capable of self-support and 3 as improved. The daily average number was 945, which is 13.3 more than the previous year. Of those discharged recovered, 11 had been insane less than one month, 14 less than twelve months, and the whole duration of insanity in 56.6 per cent. of those recovered did not exceed one year.

The transfers to other institutions by the State Board of Insanity were as follows: 2 were transferred to the Medfield Insane Asylum, 1 to the Hospital for Epileptics at Monson, 2 to the Boston Insane Hospital, 34 to the State Hospital at Foxborough, 1 to the State Hospital at Tewksbury, 40 to the Worcester Insane Asylum, 1 to the Worcester Insane Hos-

pital, and 1 to the Locust Grove Asylum at Sandwich, 15 to family care, and 27 were removed from the State, having no settlement in the State.

The number of recoveries was 26 less than last year. This decrease is both apparent and real. The apparent decrease is due to the fact that, owing to the extension of the period of trial from two to six months, we had "on visit" Oct. 1, 1906, 103 patients, while the number "on visit" Oct. 1, 1905, was only 54. The real decrease is due to the decrease in the number of patients admitted belonging to the most curable group. According to Table XIII. of the report of the State Board of Insanity for 1905, Taunton had, out of 418 cases admitted, 118 cases in the most curable group, or 28.2 per cent. Reckoning on the same basis, Taunton had this year, out of 502 cases admitted, 101 in the most curable group, or 20.1 per cent., a decrease of 8.1 per cent. The percentage of recoveries calculated on the admissions was 5.9 per cent.; calculated on the discharges it was 6.4 per cent.

One hundred and six patients died during the year, 18 less than last year. Eighteen died of general paralysis, while 8 general paralytics died from other causes, 3 of senile dementia, 13 of some form of tuberculosis, and 13 of cerebral hemorrhage. Of those dying of acute disorders, 10 died of pneumonia, 3 of dysentery, 1 of acute delirious mania, and 1 of cerebro-spinal meningitis. The percentage of deaths calculated on the daily average number of patients was 11.2 per cent.; calculated on the whole number under treatment it was 7.7 per cent.

There were more cases of acute diseases than usual, both among patients and employees. The number of cases of malaria was less than last year. There were 18 in all, — 2 among employees, both secondary, and 16 among the patients, 6 primary and 10 secondary. There were 5 cases of erysipelas, 2 of varicella, 1 of parotitis, 3 of acute articular rheumatism, and 1 of cerebro-spinal meningitis. During July and August we had a large number of cases of acute enteric disorders, — 51 in all, 3 men and 48 women. Twenty-four of these, all women, were distinctly dysenteric in character; 6 of these 51 cases, 2 men and 4 women, died. The known cases of tuber-

culosis in the hospital at present are 6 in number, 1 man and 5 women.

Two deaths have occurred among the employees during the year. Walter B. Worthing was attacked by appendicitis in less than a week after entering the employ of the hospital. He was moved to the Morton Hospital within forty-eight hours after the first symptoms appeared, and submitted to operation, but died a few days later of sepsis. Mary Eleanor Smith, training school graduate, class of 1902, who had been employed as attendant and nurse in this hospital for nearly ten years, died of gastric ulcer after a long and painful illness. She was a faithful, conscientious and valued employee, and her loss is deeply felt.

There were 10 escapes; 8 were returned, 2 were not returned, but have been heard from. Both are with friends and are doing well.

Five hundred and fifty-six patients, 362 men and 194 women, have been employed in the various departments of the hospital. One hundred and sixty-four patients, 129 men and 35 women, have had full parole of the grounds, and 10 men have had partial parole.

Dr. Curtis W. Farrington of Boston has continued his dental work during the year, visiting the hospital one-half day each week, except during the summer months, for that purpose. The aggregate work done by him is as follows: teeth extracted, 552; roots extracted, 134; sets teeth cleaned, 305; teeth treated, 45; fillings, cement, 138; fillings, silver, 59; nerves removed, 1; total number of patients treated, 424. The results of his work, shown in the improved health of the patients, have been most gratifying.

For a statement of the laboratory and clinical work I refer you to the report of the pathologist, which is herewith presented.

The training school for nurses has had a successful year. Eight nurses, 6 women and 2 men, were graduated and given diplomas in June. The school now has 28 members, — 24 women and 4 men. The good work of the school is shown in the improved character of the ward work and the more thorough and intelligent care given to patients. All the

supervisors, both men and women, except the male night supervisor, and 9 of the 12 charge nurses on the women's wards, are graduates of the training school. Graduates are also holding positions of responsibility in other departments of the institution; while the reports received from graduates who have left the hospital for work in other fields have been almost uniformly satisfactory. It is to be regretted that more men do not avail themselves of the advantages of the school, for the hospital needs well-trained men as well as women to properly care for the patients intrusted to its care. Strong efforts will be made to remedy this deficiency.

The Raynham farm is proving to be a most valuable adjunct to the hospital proper. Everett H. Leonard, the farmer in charge, is exceptionally well fitted for the position, being not only a practical farmer but a graduate of our training school for nurses. The number of patients that have been cared for there during the past year has averaged about 65, more being cared for there during the summer than winter. All of these, with few exceptions, have done some useful work about the farm and buildings, with marked benefit to themselves. Twenty-five per cent. of this number when at the hospital proper belonged to that discouraging class of demented patients who have little energy or initiative, and are usually seen sitting listlessly or wandering aimlessly about the ward. Of this class, 60 per cent. have improved enough to do some work, while 40 per cent. have been much improved and are now useful helpers. During the year 3 were discharged to friends and one escaped, but was returned the next day.

While the improvement in the condition of the patients is most gratifying, the steadily increasing improvement of the property is no less marked. In 1899, when the farm was first occupied, the principal output for the year was 40 tons of hay. This year the yield was 120 tons of hay from practically the same number of acres, together with 150 tons of silage and other crops. Part of the corn, however, was grown on improved wild land and on the Leonard estate.

The original purchase, the Briggs farm, consisted of 100 acres, — all grass land with the exception of a pine grove of about 6 acres. To this have been added from time to time 35

acres of wild land and the Leonard estate. Of the 35 acres of wild land, about 8 acres is swamp land, valuable only to grow wood; of the remaining 27 acres, about half has been subdued and is now under cultivation. Of the Leonard estate, about 14 acres is grass land; the remaining 24 acres is wood land, about 6 acres of which has been cleared during the past year. This 24 acres when cleared and properly drained will make as valuable grass land as any on the farm. The wood cutting, stump pulling, etc., will go on all winter, and afford useful and healthful occupation during the winter months. Scattered through the wood lot are some oak, chestnut and pine large enough for timber. The oak and chestnut will be sawed and stored in the room provided for such purposes when a story was added to the old boiler house, to season for future use. The pine will be sawed into boards, to be used for general purposes about the farm and hospital.

Much work has been done in building and in general repairs during the year. The new stable for farm horses has been completed and is now occupied. It proves to be very satisfactory in all its arrangements. The rear center has been enlarged for cold storage, and the cold-storage and ice-making plant has been installed, and has been in use since the first part of May. The result has been successful in every way.

The electric lighting plant has substantially been completed. The main buildings were lighted the last week in August. The nurses' homes and other outbuildings are now being connected, and it is expected that the light will be turned on in them some time this month.

The old boiler house has been raised one story and a new roof put on. The result has been satisfactory in giving room for enlarging the carpenter's shop, a room for the ice tank, and another for the storing and seasoning of lumber. The old oven mentioned in last year's report has been replaced by a new one, constructed by the Bailey Oven Company of Mansfield, Mass., and is now in successful operation.

Much painting has been done during the year, both in the outbuildings and in the wards. Several of the wards have been repainted entirely, and in most of them more or less repairs have been made. All the outbuildings of the hospital,

including those at the Raynham farm, have been painted. The hospital buildings are now in good repair, but every year will develop more that will need to be done, it being true economy to keep all the buildings in good repair and allow no retrograde.

The finances of the hospital are in improved condition as compared with last year. The per capita cost of maintenance is \$4.17, calculated on the total expenditures, and \$4.06 with the extraordinary expenses deducted; and there is a balance of \$14,687.50 of the maintenance appropriations reverting to State treasury.

Entertainments were given in chapel once a week for six months of the year, a social dance and a stereopticon lecture alternating. The regular stereopticon lectures were given by Drs. Goss, Baker and Abbot, and Miss Seaver, superintendent of training school for nurses. Rev. Joel Metcalf gave a most interesting stereopticon lecture on astronomy. Mrs. Earl B. Duffy and friends of St. John's parish gave an excellent musical entertainment, surpassing their effort of the year before. The Whittenton Temperance Society gave an old-time minstrel show with a snap and vim that captured their audience from the start. Thanksgiving, Christmas and July 4 were appropriately observed. The usual number of picnics were given in the grove during the summer, and as usual were much enjoyed by all.

Periodicals and newspapers were given by the following parties: Dr. Henry R. Stedman, Brookline, Mass.; Mrs. Dudley M. Holman, Rev. N. P. Tobey, Mr. John Kittredge, Mr. C. N. Ballard and the Bristol Club, all of Taunton. "The New Bedford Daily Mercury" and "The Old Colony Memorial" continue to be received free of charge.

Warren E. Mitchell, training school graduate, class 1900, who had been supervisor for the past six and one-half years, and a faithful and valued employee for nearly ten years, resigned to engage in farming. He carried with him the best wishes of all. James P. Taylor, night supervisor, training school graduate, class 1904, was appointed supervisor, and Albert L. Keene was appointed night supervisor pro tempore.

Dr. William T. Hanson, junior interne, resigned in May to accept a hospital position in another State. Dr. Hanson ren-

dered faithful and intelligent service while here, and took with him the best wishes of all.

John Kittredge, treasurer for forty-four years, resigned in January on account of advanced years to retire to private life. His many friends, both in the hospital and in the community, are glad that he is still a resident of the city though he has severed his official relations with the hospital. In his retirement his interest in the hospital still continues, and is shown by frequent visits and gifts of periodicals to the patients, who with his other friends hope that he may long be spared to enjoy his well-earned rest.

Last August the hospital and community were greatly grieved and shocked by the sudden and unexpected death of Mrs. Brown, wife of Dr. Brown, superintendent. The funeral services were held at the hospital.

Dr. John P. Brown, superintendent for twenty-eight years, resigned in November, owing to advancing years and impaired health. His resignation was received with regret by all. The institution as now constituted is largely his work. One of the last of the old school and one of the first of the new, his loss will be keenly felt. As he once said of an old and valued officer, "His work will be done by others, but his place will never be filled." That he may enjoy his well-earned rest in comfort for many years is the hope and the prayer of all.

In conclusion allow me to thank your Board for regarding me worthy to succeed him, and to express the hope that you may not be disappointed.

ARTHUR V. GOSS,

Superintendent.

PATHOLOGIST'S REPORT.

I herewith beg to submit a brief report of the work of the pathological department, covering the year ending Nov. 30, 1906.

During the year 24 autopsies were performed, 20 males and 4 females. This number is below our usual average, but the diminution in number is compensated for by the unusually interesting material collected.

The nature of the mental disease in those cases which came to autopsy was as follows : —

General paralysis,	7	Secondary dementia of unknown	
Organic brain disease,	8	origin,	1
Senile dementia,	4	Dementia præcox,	1
Paranoid condition,	1		—
Involution psychosis,	1	Total,	24
Manic-depressive insanity,	1		

Among the paretics was one notably interesting on the clinical side, with a history of syphilitic infection at twenty-one years of age, the psychosis following immediately upon a head injury. Another paretic presented clinically unusual aphasic symptoms, the histological examination of which was of value.

In the group of organic brain diseases were two cases of cerebral syphilis, — one with a focus of softening, the result of vascular disease, the other with a more diffuse process ; two brain tumors, — one a glioma of the right frontal lobe, with ill-defined mental symptoms, the other located in the cerebellar pontine angle ; two cases of subcortical arteriosclerotic brain degeneration ; one traumatic lesion.

One case of senile dementia presented a rupture of the left cardiac ventricle, a report of which is found in the “ Boston Medical and Surgical Journal,” Aug. 2, 1906.

One sporadic case of cerebro-spinal meningitis occurred

within the year, which showed pathologically a purulent meningitis due to the *diplococcus pneumoniae*.

Together with the investigations in connection with the working up of the anatomical material the laboratory has been a valuable asset in the usual clinical work.

The organization of our staff as outlined in a previous report does not confine the duties of the pathologist to the limited field of post-mortem pathology, but his administrative duties are reduced to a minimum in order that he may devote practically the whole of his time to investigations in the more extensive field of psychopathology, which includes not only the very essential post-mortem pathology but the etiology, symptomatology, the course and outcome of morbid mental conditions. Having this object in view our studies are largely clinical, and we feel that a concentration of effort along these lines will result in the advancement of the science of psychiatry. A review of the year's work in this field is not without its encouragement and suggestions for future endeavor.

At the 1906 meeting of the American Medical Association the sub-committee in psychiatry arranged for a fixed exhibit, and also a living exhibit of patients. Our superintendent heartily co-operated with the innovation, and 6 patients were sent from this hospital for clinical demonstration. The opportunity of thus giving the medical profession, as represented in that meeting, more insight into the nature of our work, and into the problems of psychiatry, was gladly welcomed.

Within the current year a system of card indexing and cataloguing for the pathological laboratory was inaugurated. We have now systematically compiled, in readily accessible form, the reports in 268 post-mortem examinations, — the total number of autopsies performed since the pathological department was established.

I wish to express to my medical confrères on the staff my appreciation of their co-operation and encouragement, and to our retiring superintendent, Dr. J. B. Brown, my grateful acknowledgments for his many kindnesses and words of wisdom.

HARRY W. MILLER,

Pathologist.

OFFICERS AND THEIR SALARIES.

JOHN P. BROWN, M.D., <i>Superintendent</i> ,	\$3,000 00
ARTHUR V. GOSS, M.D., <i>Assistant Physician</i> ,	1,800 00
BENJAMIN W. BAKER, M.D., <i>Assistant Physician</i> ,	1,300 00
FLORENCE H. ABBOT, M.D., <i>Assistant Physician</i> ,	1,000 00
HORACE G. RIPLEY, M.D., <i>Assistant Physician</i> ,	900 00
HARRY W. MILLER, M.D., <i>Assistant Physician and Pathologist</i> ,	1,700 00
FRANK W. BOYNTON, <i>Treasurer</i> ,	1,200 00
OTIS E. WHITE, <i>Steward</i> ,	1,000 00
JAMES C. FLYNN, <i>Engineer</i> ,	1,200 00

V A L U A T I O N.

Nov. 30, 1906.

Land, 330 acres,	\$52,100 00
Hospital buildings,	415,000 00
Brick barn and stable,	8,000 00
New barn,	5,000 00
New stable,	4,000 00
Laundry building,	16,000 00
Industrial building,	12,000 00
Nurses' home buildings,	86,300 00
Other buildings and wall,	30,600 00
	\$629,000 00

PERSONAL ESTATE.

Live stock on the farms,	\$10,318 50
Produce of the farms on hand,	4,586 25
Carriages and agricultural implements,	8,391 70
Other property of the farms,	601 95
Machinery and mechanical fixtures,	45,985 00
Beds and bedding in inmates' department,	30,433 07
Other furniture in inmates' department,	14,374 57
Personal property of the State in the super- intendent's department,	18,320 81
Dry goods and clothing,	6,950 78
Provisions and groceries,	3,341 07
Drugs and medicines,	600 00
Fuel,	1,820 00
Library,	1,800 00
Other supplies undistributed,	3,393 31
	150,917 01
	\$779,917 01

TREASURER'S REPORT.

I respectfully submit the following report of the finances of the institution from Oct. 1, 1905, to Nov. 30, 1906, to the trustees :—

RECEIPTS.

Balance with the State Treasurer Oct. 1, 1905,	\$29,812 66	
Balance on hand Sept. 30, 1905, to be paid to State Treasurer,	1,185 71	
Placed with the State Treasurer by the State Board of Insanity,	1,129 40	
Placed with the State Treasurer by the Attorney-General,	81 25	
Deficiency appropriation for the support of State patients,	31,990 55	
Appropriation for the support of State patients,	201,318 53	
	<hr/>	\$265,518 10
Collections made from Oct. 1, 1905, to Nov. 30, 1906, and paid to the State Treasurer :—		
From towns,	\$515 82	
From individuals,	24,966 32	
From individuals, reimbursements,	10,903 45	
From other sources,	4,606 72	
	<hr/>	40,992 31
Total receipts,		<hr/> \$306,510 41

PAYMENTS.

Total payments, as per detailed statement,	240,812 73
Balance with State Treasurer Nov. 30, 1906,	\$65,697 68

FINANCIAL STANDING OF THE HOSPITAL, NOV. 30, 1906.

Due the institution for board Nov. 30, 1906 :—

From towns,	\$28 32	
From individuals,	4,344 87	
From individuals, reimbursements,	2,424 47	
Balance of receipts with State Treasurer,	33,163 26	
Balance of maintenance appropriation with State Treasurer,	32,534 42	
	<hr/>	\$72,495 34
Miscellaneous bills due Nov. 30, 1906,	\$17,846 92	
Balance of maintenance appropriation reverting to State Treasury,	14,687 50	
	<hr/>	32,534 42
Balance in favor of the hospital Nov. 30, 1906,		<hr/> \$39,960 92

DETAILED EXPENSES FROM OCT. 1, 1905, TO NOV. 30, 1906.

Salaries, wages and labor : —

Medical officers, stenographers and druggist, .	\$14,263 88	
General administration,	26,509 40	
Ward service,	37,200 64	
Repairs and improvements,	2,206 45	
Farm, stable and grounds,	9,825 48	
		<hr/>
		\$90,005 85

Food : —

Butter,	\$13,890 38	
Beans,	979 70	
Bread and crackers,	606 74	
Cereals, rice, meal, etc.,	1,911 22	
Cheese,	461 63	
Eggs,	4,098 34	
Flour,	9,111 22	
Fish,	2,893 08	
Fruit,	2,322 12	
Meats,	15,499 64	
Molasses,	554 18	
Sugar,	3,062 31	
Tea, coffee, broma and cocoa,	2,745 21	
Vegetables,	2,630 19	
Lard,	811 00	
Sundries,	1,379 91	
		<hr/>
		62,956 87

Clothing and clothing material : —

Boots, shoes and rubbers,	\$371 59	
Clothing,	1,436 89	
Dry goods for clothing, and small wares, .	2,041 34	
Furnishing goods,	1,603 18	
Hats and caps,	90 94	
Leather and shoe findings,	483 11	
Sundries,	289 75	
		<hr/>
		6,316 80

Furnishings : —

Beds, bedding, table linen, etc.,	\$3,997 53	
Brushes, brooms, etc.,	337 80	
Carpets, rugs, etc.,	755 62	
Crockery, glassware, cutlery, etc.,	687 43	
Furniture and upholstery,	482 81	
Kitchen furnishings,	765 39	
Woodenware, buckets, pails, etc.,	135 72	
Sundries,	441 93	
		<hr/>
		7,604 23

Amount carried forward, \$166,883 75

Amount brought forward, \$166,883 75

Heat, light and power : —

Coal,	\$23,697 69
Gas,	4,242 30
Wood,	122 00
Oil,	484 26
Sundries,	926 57

29,472 82

Repairs and improvements : —

Bricks,	\$297 50
Cement, lime and plaster,	118 15
Electrical work and supplies,	966 02
Hardware,	317 33
Doors, sashes, etc.,	30 62
Lumber,	1,327 80
Paints, oils, glass, etc.,	1,649 97
Plumbing, steam fitting and supplies,	1,107 72
Mechanics and laborers (not on pay roll),	2,828 08
Roofing and materials,	17 55
Sundries,	1,384 27

10,045 01

Farm, stable and grounds : —

Blacksmith and supplies,	\$566 32
Carriages, wagons and repairs,	1,252 11
Fertilizers, vines, seeds, etc.,	1,182 24
Hay, grain, etc.,	10,226 84
Harness and repairs,	261 60
Horses,	225 00
Cows,	1,391 00
Other live stock,	259 75
Rent,	290 00
Tools, farm machines, etc.,	315 53
Sundries,	1,100 11

17,070 50

Miscellaneous : —

Books, periodicals, etc.,	\$440 09
Chapel services and entertainments,	934 64
Freight, expressage and transportation,	1,207 75
Funeral expenses,	167 58
Labor (not on pay roll),	88 00
Medicines and hospital supplies,	1,740 15
Medical attendance, nurses, etc.,	204 03
Postage,	229 38
Printing and printing supplies,	640 02
Printing annual report,	185 10
Return of runaways,	62 55

Amounts carried forward, \$5,899 29 \$223,472 08

<i>Amounts brought forward,</i>	\$5,899 29	\$223,472 08
Soap and laundry supplies,	1,493 11	
Stationery and office supplies,	604 53	
School books and school supplies,	194 80	
Travel and expenses (officials),	602 07	
Telephone and telegraph,	596 27	
Tobacco,	647 03	
Water,	4,731 02	
Laboratory supplies,	353 47	
Sundries,	2,219 06	
		17,340 65
Total expenditures,		\$240,812 73
Dividing this sum by 946, the average number of patients,		
gives an average annual cost of		\$254 56
Equivalent to the average weekly cost of		4 17
Deducting from the current expenses,	\$240,812 73	
The extraordinary expenses,	6,307 21	
		\$234,505 52
Dividing \$234,505.52 by 946, the daily average number of		
patients, we have the average annual cost of each patient,	\$247 89	
And the average weekly cost of	4 06	

FINANCIAL STATEMENT.

Of the appropriation made by the Legislature of 1903 for the construction, furnishing and equipping a building for nurses, a cottage at the Raynham colony, enlarging the dining rooms, purchase of a new heater, circulating tank and pump and purchase of land : —

Amount of appropriation,	\$81,300 00
Drawn to Sept. 30, 1905,	\$78,154 90
Since drawn to date, viz. : —	
Nurses' home,	\$1,495 10
New heater, circulating tank	
and pump,	1,650 00
	3,145 10
	\$81,300 00

Of the appropriation made by the Legislature of 1904 for repairing, reconstructing and refurnishing that part of the hospital damaged by fire, for fireproof doors, casings, frames, transoms and galvanized-iron flues, for laying new water main,

for an addition to the laundry, for laundry machinery, for finishing the attic of the women's home, for a farm building and for installing an electric plant : —

Amount of appropriation,	\$116,860 00
Drawn to Sept. 30, 1905,	\$96,336 38
Since drawn to date, viz. : —	
Installing electric plant,	\$19,687 25
Fireproof doors, casing, frames, galvanized-iron flues, etc.,	776 36
	<hr/>
	20,463 61
	<hr/>
	116,799 99
Balance not drawn,	<hr/>
	\$0 01

Of the appropriation made by the Legislature of 1905 for finishing and furnishing the attic in the male nurses' home, for alterations of and additions to the rear center building, and for installing and equipping therein a cold-storage plant, for raising the roof and constructing an additional story in the old boiler house and for completing the electric plant : —

Amount of appropriation,	\$36,055 00
Drawn to Sept. 30, 1905,	\$2,004 62
Since drawn to date, viz. : —	
Cold-storage plant,	\$14,140 85
Alterations in old boiler house,	4,854 53
Finishing attic in male nurses' home,	3,800 00
Completing electric plant,	11,255 00
	<hr/>
	34,050 38
	<hr/>
	\$36,055 00

Of the appropriation made by the Legislature of 1905 for the construction of a stable for farm horses and for the purchase of the Leonard farm : —

Amount of appropriation,	\$8,500 00
Drawn to Sept. 30, 1905,	\$4,620 12
Since drawn to date, viz. : —	
Stable for farm horses,	3,879 88
	<hr/>
	\$8,500 00

Of the appropriation made by the Legislature of 1906 for completing the electric lighting and cold-storage plants, for an addition to the steam-heating plant and for general repairs and for painting : —

Amount of appropriation,	\$15,000 00
Drawn to date, viz. : —	
Electric light and cold-storage plants, . . .	\$4,656 50
Addition to steam-heating plant and general	
repairs,	782 99
Painting,	2,088 85
	<hr/>
	7,528 34
Balance of appropriation,	<hr/> \$7,471 66

FRANK W. BOYNTON,

Treasurer.

TAUNTON, MASS., Nov. 30, 1906.

HOME FARM PRODUCE.

VALUE OF FARM PRODUCE FROM OCT. 1, 1905, TO DEC. 1, 1906.

183,580	½ quarts milk,	.	.	.	.	.	.	.	\$8,261 14
958	½ dozen eggs,	.	.	.	.	.	.	.	279 63
1,340	bunches asparagus,	.	.	.	.	.	.	.	201 00
20	bushels lima beans,,	.	.	.	.	.	.	.	25 00
25	bushels shelled beans,	.	.	.	.	.	.	.	31 25
61	bushels string beans,	.	.	.	.	.	.	.	61 00
8,537	pounds beets, .	.	.	.	.	.	.	.	172 98
4,850	bunches beets, .	.	.	.	.	.	.	.	150 50
820	pounds cabbage,	.	.	.	.	.	.	.	14 65
4,542	pounds carrots,	.	.	.	.	.	.	.	87 00
2,020	bunches celery,	.	.	.	.	.	.	.	231 50
	Celery, .	.	.	.	.	.	.	.	50 00
22,200	ears corn,	.	.	.	.	.	.	.	222 00
16,915	cucumbers,	.	.	.	.	.	.	.	699 75
100	pounds egg plant,	.	.	.	.	.	.	.	5 00
30	pounds endive,	.	.	.	.	.	.	.	3 00
15,582	heads lettuce, .	.	.	.	.	.	.	.	773 86
1,130	muskmelons, .	.	.	.	.	.	.	.	56 50
250	bunches onions,	.	.	.	.	.	.	.	12 50
2,050	pounds onions,. .	.	.	.	.	.	.	.	51 90
225	bunches parsley,	.	.	.	.	.	.	.	11 25
12,148	pounds parsnips,	.	.	.	.	.	.	.	345 35
61	bushels peas, .	.	.	.	.	.	.	.	91 50
31½	bushels peppers,	.	.	.	.	.	.	.	26 38
½	bushel pickles,. .	.	.	.	.	.	.	.	1 50
2,040	bunches radishes,	.	.	.	.	.	.	.	83 10
4,892	pounds rhubarb,	.	.	.	.	.	.	.	163 26
3,892	pounds spinach,	.	.	.	.	.	.	.	154 00
22,471	pounds squash,	.	.	.	.	.	.	.	453 59
3,420	pounds green tomatoes,	.	.	.	.	.	.	.	102 60
13,510	pounds tomatoes,	.	.	.	.	.	.	.	406 50
35,316	pounds turnips,	.	.	.	.	.	.	.	432 80

RAYNHAM FARM PRODUCE.

VALUE OF RAYNHAM FARM PRODUCE FROM OCT. 1, 1905, TO DEC. 1, 1906.

148,946	quarts milk,	\$6,705 16
660 $\frac{3}{4}$	dozen eggs,	203 20
97	bunches asparagus,	14 55
14	bushels shelled beans,	17 50
20	bushels string beans,	20 00
3,224 $\frac{1}{2}$	pounds beets,	31 13
22 $\frac{3}{4}$	bushels beet greens,	11 85
828	cucumbers,	33 12
2,119	ears corn,	21 19
3,609	pounds carrots,	36 24
8,539	pounds cabbage,	103 44
144 $\frac{1}{2}$	barrels cabbage,	68 23
12	bunches celery,	1 80
557	pounds dandelion greens,	22 25
1 $\frac{1}{2}$	bushels endive,	60
391	heads lettuce,	20 30
628	pounds onions,	11 66
690	pounds parsnips,	6 89
68 $\frac{1}{2}$	bushels peas,	102 12
124,230	pounds potatoes,	741 03
1,573	pounds pumpkins,	15 73
52	pounds rhubarb,	2 01
435	pounds squash,	4 09
4 $\frac{1}{2}$	bushels spinach,	1 35
29	pounds tomatoes,	87
39,735	pounds turnips,	341 45
12	barrels apples,	22 00
40	quarts blackberries,	4 65
711	quarts currants,	71 10
21	quarts gooseberries,	2 10
16	pounds pears,	25
2,802	boxes strawberries,	280 20

10,086	pounds beef,	\$738 65
1,951	pounds pork,	125 90
28	pounds chicken,	6 16
142½	pounds fowl,	22 92
364,355	pounds hay,	2,862 66
109,701	pounds grass,	265 15
293,493	pounds ensilage,	733 73
12,500	pounds corn fodder,	18 75
50	bushels mangel beets,	12 50
2	pigs,	7 00
8	cows,	199 46
25	calves,	50 00
1	fowl,	50
10	ducks,	15 00
10	pigeons,	3 00
1,121	grain bags,	115 68
	Hide and tallow,	123 17
	Junk,	21 35
200	tons ice,	100 00

\$14,339 64

WORK DONE IN THE SEWING ROOM

FROM OCT. 1, 1905, TO DEC. 1, 1906.

<p> 431 wrappers. 36 dresses. 4 chapel dresses. 2 dresses repaired. 15 shirt waist suits. 10 strong gingham dresses. 14 strong dresses. 11 camisoles. 4 linen camisoles. 18 camisole sleeves. 26 stand covers. 30 bread covers. 39 commode covers. 29 bureau covers. 5 shirt waists. 3 bibs. 139 sick cloths. 4 men's under shirts. 270 men's shirts. 24 men's drawers. 3 boys' shirts. 4 pairs stockings made over. 2 long-sleeved aprons. 4 rubber aprons. 76 gingham aprons. 123 kitchen aprons. 191 nurses' aprons. 66 nurses' bibs. 656 nurses' caps. 3 skull caps. 33 hall aprons. 12 corset covers. 229 sick shirts. 42 hall laundry bags. 11 nurses' laundry bags. 120 mattress ticks. 9 double mattress ticks. 85 pillow ticks. 10 chair ticks. 30 hassock ticks. </p>	<p> 29 chair covers. 72 table cloths. 10 coffee strainers. 12 milk strainers. 10 rugs bound. 26 rugs hemmed. 146 table napkins hemmed. 64 hay beds. 2 bird cage covers. 1 switch board cover. 49 men's neckties. 4 sand bags. 3 eye blinders. 10 neck pieces for restraintsheets. 1 black shirt waist suit. 3 flannel shirt waist suits. 83 women's flannel drawers. 352 women's cotton drawers 62 white skirts. 96 chemises. 202 short nightdresses. 404 long nightdresses. 3 duck rugs. 1 restraint sheet. 272 gingham skirts. 155 sash curtains. 300 white curtains. 579 hall sheets. 140 draw sheets. 1,206 pillow slips. 694 nurses' towels. 1,152 bath towels. 2 lung protectors. 10 tray cloths. 2 dressing sacks. 9 kimonas. 3 bandages made. 75 yards bandages cut. 120 pairs men's suspenders. </p>
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MENDING DONE IN THE SEWING ROOM

FROM OCT. 1, 1905, TO DEC. 1, 1906.

901 pairs pants.	45 laundry bags.
2,285 pairs drawers.	316 hay beds.
84 pairs overalls.	24 ticking aprons.
7,258 pairs stockings.	46 strong dresses.
12 jumpers.	3 strong jackets.
105 white shirts.	72 camisoles.
2,267 colored shirts.	14 strong gingham dresses.
230 short shirts.	3 carpets.
1,207 undershirts.	3 strong skirts.
26 nightshirts.	33 spreads.
36 bibs.	18 pairs mittens
90 vests.	4 restraint sheets.
172 coats.	1 neck piece for sheet.
139 summer coats.	2 table covers.

WORK DONE ON THE WARDS

FROM OCT. 1, 1905, TO DEC. 1, 1906.

1,077 sheets.	284 men's suspenders.
83 draw sheets.	113 pairs men's drawers.
776 pillow slips.	9 men's shirts.
688 single roller towels.	306 women's drawers.
1,663 linen towels.	270 women's skirts.
2,003 bath towels.	107 ticking aprons.
64 bath cloths.	51 knitted dish cloths.
36 table cloths.	78 rugs hemmed.
69 table napkins.	46 laundry bags.
36 stand covers.	50 men's wristers.
139 bureau covers.	511 bibs.
49 commode covers.	41 bread covers.
107 sick cloths.	10 table mats.
24 kitchen holders.	7 tray cloths.

WORK DONE IN THE UPHOLSTERING DE-
PARTMENT OF THE INDUSTRIAL
BUILDING

FROM OCT. 1, 1905, TO DEC. 1, 1906.

655 mattresses made.	5 hassocks.
624 pillows made.	2 sofas repaired.
572 mattresses renovated.	1 couch repaired.
500 pillows renovated.	2 barber chairs repaired.
25 chair cushions.	2 invalid chairs repaired.
9 parlor chairs.	10 long settee cushions covered.
5 easy chairs.	1,600 pounds curled hair hand
2 rocking chairs.	picked.
2 sofas.	

WORK DONE IN THE INDUSTRIAL BUILDING

FROM OCT. 1, 1905, TO DEC. 1, 1906.

138 pairs pants made.	1,902 men's pants repaired and pressed.
6 vests made.	
81 pairs overalls made.	186 men's vests repaired and pressed.
50 jumpers made.	
10 camisoles made.	60 suits repaired.
48 cloth mittens made.	6 women's skirts pressed.
8 pairs canvas mittens made.	89 blankets repaired.
59 door mats made.	16 carpets repaired.
6 rugs made.	82 straps repaired.
6 aprons made.	76 overcoats repaired.
24 slipper straps made.	2 pairs suspenders repaired.
180 pairs men's shoes made.	3 horse blankets repaired.
164 pairs men's slippers made.	4 suit cases repaired.
185 pairs women's slippers made.	2 hot-water bottles repaired.
6 pairs women's shoes made.	28 camisoles repaired.
82 rubber boots repaired.	46 straps put on slippers.
942 men's shoes repaired.	19 floor brushes made.
481 men's slippers repaired.	70 scrub brushes made.
302 women's shoes repaired.	54 chairs caned.
248 women's slippers repaired.	29 chairs basket seated and backed.
309 rubber heels put on.	14 chairs repaired.
500 men's coats repaired and pressed.	19 chairs wood seated.
	671 chairs varnished.

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

1.—General Statistics of the Year.

	INSANE.			HABITUAL DRUNKARDS.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1905,	481	424	905	-	3	3	481	427	908
Admitted within the year,	286	216	502	-	9	9	286	225	511
Viz.: by commitment,	249	180	429	-	7	7	249	187	436
by transfer,	6	15	21	-	-	-	6	15	21
from escape,	-	-	-	-	-	-	-	-	-
from visit, ¹	31	21	52	-	2	2	31	23	54
Whole number of cases within the year,	767	640	1,407	-	12	12	767	652	1,419
Dismissed within the year,	269	198	467	-	9	9	269	207	476
Viz.: discharged,	99	64	163	-	5	5	99	69	168
as recovered at time of leaving the hospital,	14	16	30	-	-	-	14	16	30
as capable of self-support,	26	4	30	-	2	2	26	6	32
as improved,	47	25	72	-	3	3	47	28	75
as not improved,	11	18	29	-	-	-	11	18	29
as not insane,	1	1	2	-	-	-	1	1	2
died,	68	38	106	-	-	-	68	38	106
transferred,	37	60	97	-	-	-	37	60	97
escaped,	2	-	2	-	-	-	2	-	2
on visit October 1,	63	36	99	-	4	4	63	40	103
Patients remaining Sept. 30, 1906,	498	442	940	-	3	3	498	445	943
Viz.: supported as State patients,	435	346	781	-	3	3	435	349	784
as private patients,	28	53	81	-	-	-	28	53	81
as reimbursing patients,	35	43	78	-	-	-	35	43	78
Number of different persons within the year,	731	618	1,349	-	10	10	731	627	1,358
Number of persons admitted,	253	195	448	-	7	7	253	201	454
Number of different persons admitted by commitment,	247	180	427	-	7	7	247	186	433
Number of persons recovered,	14	16	30	-	-	-	14	16	30
Daily average number of patients,	495.6	441.30	936.90	-	8.1	8.1	495.6	449.40	945.00
Viz.: State patients,	436.1	356.22	792.32	-	8.1	8.1	436.1	364.32	800.42
private patients,	30	51	81	-	-	-	30	51	81
reimbursing patients,	29.5	34.08	63.58	-	-	-	29.5	34.08	63.58
Nominally admitted for discharge,	31	21	52	-	2	2	31	23	54

¹ Nominally admitted for discharge.

2. — *Insane received on First and Subsequent Commitments.*

NUMBER OF THE ADMISSION.	CASES COMMITTED.		
	Males.	Females.	Totals.
First to this hospital,	217	157	374
Second to this hospital,	20	11	31
Third to this hospital,	6	8	14
Fourth to this hospital,	2	3	5
Fifth to this hospital,	—	1	1
Sixth to this hospital,	3	—	3
Twenty-first to this hospital,	1	—	1
Total cases,	249	180	429
Total persons,	247	180	427
Never before in any hospital for the insane,	194	137	331

3. — *Nativity and Parentage of Insane Persons first admitted to Any Hospital.*

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts,	54	26	22	47	20	23	101	46	45
Other New England States,	20	13	16	8	9	7	28	22	23
Other States,	9	7	7	3	3	3	12	10	10
Total native,	83	46	45	58	32	33	141	78	78
Other countries:—									
Armenia,	1	1	1	—	—	—	1	1	1
Austria-Hungary,	5	5	5	—	—	—	5	5	5
Azores,	6	8	8	3	5	4	9	13	12
Canada,	27	33	32	13	15	14	40	48	46
Cape Verde Islands,	2	2	2	2	1	1	4	3	3
Denmark,	—	1	—	—	—	—	—	1	—
England,	16	16	15	15	16	19	31	32	34
Finland,	3	3	3	2	2	2	5	5	5
Germany,	5	4	4	6	7	6	11	11	10
Holland,	—	1	—	1	1	—	1	2	—
Ireland,	21	38	42	28	44	42	49	82	84
Italy,	8	9	9	1	1	1	9	10	10
Russia,	4	5	5	5	5	5	9	10	10
Scotland,	2	3	3	—	—	1	2	3	4
Sweden,	5	5	5	—	—	—	5	5	5
Turkey,	2	2	2	—	—	—	2	2	2
West Indies,	2	—	—	1	—	1	3	—	1
Total foreign,	109	136	136	77	97	96	186	233	232
Unknown,	2	12	13	2	8	8	4	20	21
Totals,	194	194	194	137	137	137	331	331	331

4. — Residence of Insane Persons admitted by Commitment.

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable County,	7	-	7	4	2	6	11	2	13
Bristol County,	101	69	170	27	21	48	128	90	218
Dukes County,	-	1	1	-	1	1	-	2	2
Middlesex County,	-	-	-	2	-	2	2	-	2
Nantucket County,	-	1	1	1	-	1	1	1	2
Norfolk County,	20	15	35	5	4	10	26	19	45
Plymouth County,	38	24	62	8	5	13	46	29	75
Suffolk County,	28	27	55	5	10	15	33	37	70
Totals,	194	137	331	53	43	96	247	180	427
Viz., cities or towns (10,000 or over),	134	101	235	33	31	64	167	132	299
country districts (under 10,000),	60	36	96	20	12	32	80	48	128

5. — Civil Condition of Insane Persons first admitted to Any Hospital.

	Males.	Females.	Totals.
Unmarried,	84	52	136
Married,	86	51	137
Widowed,	18	32	50
Divorced,	2	2	4
Totals,	190	137	327
Unknown,	4	-	4
Totals,	194	137	331

6. — *Occupations of Insane Persons first admitted to Any Hospital.*

MALES.

Baker,	1	Messenger boy,	1
Barbers,	6	Mill operatives,	31
Bartenders,	3	Millwright,	1
Blacksmiths,	2	Moulders,	2
Bookkeepers,	2	No occupation,	12
Butcher,	1	Painters,	6
Cabinet maker,	1	Paper hanger,	1
Cigar maker,	1	Pattern maker,	1
Circus man,	1	Pedler,	1
Clerks,	2	Pianist,	1
Cobbler,	1	Printer,	1
Cook,	1	Quarryman,	1
Druggist,	1	Salesmen,	2
Electric car conductor,	1	Saloon keeper,	1
Engineer,	1	Seamen,	4
Eyelet maker,	1	Silver polisher,	1
Farmers,	9	Ship carpenter,	1
Fireman,	1	Shoe operatives,	14
Fishermen,	3	Steam fitter,	1
Flagman,	1	Stone cutter,	1
Hackman,	1	Tack maker,	1
Hostler,	1	Tailors,	2
Insurance agents,	2	Teamsters,	4
Iron worker,	1	Waiter,	1
Kitchen work,	1	Wood moulder,	1
Laborers,	41	Wood polisher,	1
Machinists,	2		
Manufacturer of medicine,	1	Total,	190
Masons,	2	Unknown,	4
Mechanical engineer,	1		
Merchants,	3	Total,	194

6. — *Occupations of Insane Persons first admitted, etc.* — Concluded.

FEMALES.

Clerk,	1	Music teacher,	1
Domestics,	10	No occupation,	9
Dressmakers,	2	Nurse,	1
Hat makers,	2	Seamstress,	1
Housekeepers,	6	Shoe operative,	1
Housewives,	6	Tailoress,	1
Laundress,	1	Waitress,	1
Mill operatives,	18		

WIFE OR DAUGHTER OF —

Blacksmith,	1	Printer,	1
Bookkeepers,	2	Police officer,	1
Butcher,	1	Railroad section hand,	1
Carpenter,	1	Restaurant keeper,	1
Cigar maker,	1	Sailors,	2
Driller,	1	Sea captain,	1
Drover,	1	Sewing machine agent,	1
Farmers,	10	Shoemakers,	2
Firemen,	3	Steam fitter,	1
Grocery clerks,	2	Steward,	1
Laborers,	11	Soldier,	1
Merchants,	2	Stone mason,	1
Mill operators,	9	Tailors,	3
Moulders,	2	Teamsters,	6
Musician,	1	Waiter,	1
Painters,	3		
Pedler,	1	Total,	137

7. — *Ages of Insane at First Attack, Admission and Death.*

AGES.	FIRST ADMITTED TO ANY HOSPITAL.			DIED.							
	AT FIRST ATTACK.			AT FIRST ATTACK.			AT TIME OF DEATH.				
	WHEN ADMITTED.										
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.		
Congenital,	6	4	10	-	-	1	1	-	1	-	-
15 years and less,	3	2	5	1	-	1	-	-	-	-	-
From 15 to 20 years,	7	8	15	3	7	10	1	2	3	-	-
20 to 25 years,	14	12	26	18	12	30	1	1	2	1	1
25 to 30 years,	22	13	35	30	17	47	2	1	3	6	7
30 to 35 years,	21	13	34	22	15	37	4	4	8	2	6
35 to 40 years,	20	8	28	27	12	39	3	3	6	5	7
40 to 50 years,	28	17	45	39	19	58	15	2	17	20	22
50 to 60 years,	14	11	25	18	18	36	7	8	15	6	12
60 to 70 years,	15	11	26	21	13	34	7	8	15	11	21
70 to 80 years,	7	7	14	10	16	26	7	2	9	14	21
Over 80 years,	3	3	6	4	7	11	4	-	4	4	8
Totals,	160	109	269	193	136	329	52	31	83	68	37
Unknown,	34	28	62	1	1	2	16	7	23	-	1
Totals,	194	137	331	194	137	331	68	38	106	68	38
Mean known ages (in years),	31.0	40.9	36.0	42.2	45.6	43.9	51.3	49.2	50.3	55.3	52.4
											53.9

9. — *Probable Duration of Mental Disease before Admission.*

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.		
	Males.	Females.	Totals.
Congenital,	6	4	10
Under 1 month,	23	23	46
From 1 to 3 months,	30	11	41
3 to 6 months,	22	11	33
6 to 12 months,	23	15	38
1 to 2 years,	23	10	33
2 to 5 years,	24	22	46
5 to 10 years,	8	9	17
10 to 20 years,	2	7	9
Over 20 years,	3	3	6
Totals,	164	115	279
Unknown,	30	22	52
Totals,	194	137	331
Average known duration (in years), .	5.1	4.5	4.8

10. — Form of Mental Disease in Patients committed, discharged, with their Condition on Discharge, or died.

FORM OF DISEASE.	COMMITTED.			DISCHARGED.						DIED.			TOTAL DISCHARGES AND DEATHS.		
	Males.	Females.	Totals.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			NOT IMPROVED.			NOT INSANE.		
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — First admitted to any hospital : —															
Imbecility,	5	2	7	—	—	—	1	2	3	2	1	3	1	—	3
Psychopathic inferiority,	9	6	15	—	—	—	2	—	2	1	—	1	4	1	5
Hysterical insanity,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Dementia præcox,	48	47	95	—	1	1	1	10	20	3	5	8	19	25	44
Terminal dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
General paralysis,	30	9	39	—	—	—	2	2	4	—	—	26	28	1	30
Organic brain disease,	6	2	8	—	—	—	3	1	4	—	—	8	8	4	12
Cerebral syphilis,	1	—	1	—	—	—	—	—	—	—	—	1	1	—	1
Involution psychosis,	9	5	14	—	—	—	1	1	2	1	1	4	2	6	8
Senile dementia,	20	25	45	—	—	—	1	1	2	1	4	5	18	12	33
Manic-depressive insanity,	12	6	18	2	2	4	1	1	5	—	—	6	12	5	17
Acute delirious mania,	1	—	1	—	—	—	—	—	—	—	—	1	1	—	1
Paranoia,	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—
Paranoid condition,	9	18	27	—	—	—	1	3	4	—	—	1	1	3	3
Epileptic insanity,	3	5	8	—	—	—	—	—	—	—	—	—	1	4	5
Alcoholic insanity : —															
acute,	13	2	15	8	2	10	4	—	—	—	—	—	12	2	14
chronic alcoholism,	3	3	6	—	—	—	1	1	2	—	—	—	3	6	9
chronic delusional,	9	—	9	—	—	—	2	3	5	1	—	—	6	—	6
chronic delirium,	2	—	2	—	—	—	2	—	2	—	—	—	2	—	2
Toxic insanity,	—	—	—	—	—	—	—	—	—	1	1	—	—	1	1
morphinism,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
acute hallucinosis,	4	1	5	—	—	—	—	—	—	—	—	—	—	—	—
Toxic delirium,	2	—	2	1	1	2	2	—	—	—	—	—	2	1	3
Exhaustion psychosis,	1	2	3	1	1	2	—	—	—	—	—	—	1	2	3
Undiagnosed,	5	—	5	—	—	—	—	—	—	2	—	2	—	—	2
Not insane,	1	1	2	—	—	—	—	—	—	—	—	—	1	1	2
Totals,	194	137	331	11	7	18	17	3	20	10	15	25	62	73	207

11. — Discharges of the Insane, classified by Admission and Result, and Death.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital,	11	10	21	18	3	21	41	23	64	10	17	27	1	1	2	64	32	96	145	86	231
Second to this hospital,	2	2	4	5	1	6	5	-	5	1	1	2	-	-	-	4	2	6	17	6	23
Third to this hospital,	1	2	3	1	-	1	1	1	2	-	-	-	-	-	-	-	1	1	3	4	7
Fourth to this hospital,	-	1	1	2	-	2	-	1	1	-	-	-	-	-	-	-	1	1	2	3	5
Fifth to this hospital,	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Sixth to this hospital,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	2	2
Totals,	14	16	30	26	4	30	47	25	72	11	18	29	1	1	2	68	38	106	167	102	269
First admitted to any hospital,	11	7	18	17	3	20	33	17	50	10	15	25	1	1	2	62	30	92	134	73	207

[illegible]

13.—Duration of Mental Disease and its Treatment in Patients who recovered or died.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.			WHOLE DURATION.			ALL OTHER ADMISSIONS.		
	DURATION BEFORE ADMISSION.		Totals.	HOSPITAL RESIDENCE.		Totals.	WHOLE KNOWN PERIOD OF MENTAL DISEASE.		Totals.
	Males.	Females.		Males.	Females.		Males.	Females.	
A.—Recovered:—									
Under 1 month, . . .	7	4	11	—	1	1	—	—	—
From 1 to 3 months, . .	1	—	1	8	1	9	—	—	—
3 to 6 months, . . .	—	2	2	2	5	7	1	1	2
6 to 12 months, . . .	—	—	—	1	—	1	1	—	1
1 to 2 years, . . .	—	1	1	—	—	—	1	—	1
2 to 5 years, . . .	1	—	1	—	—	—	—	—	—
5 to 10 years, . . .	2	—	2	—	—	—	1	—	1
10 to 20 years, . . .	—	—	—	—	—	—	—	—	—
Over 20 years, . . .	—	—	—	—	—	—	1	—	1
Totals, . . .	11	7	18	11	7	18	3	4	7
Unknown, . . .	—	—	—	—	—	—	—	5	5
Totals, . . .	11	7	18	11	7	18	3	9	12
Average of known cases (in months), . . .	26.4	3.8	15.1	4.4	3.3	3.9	18.2	80.1	49.2
				28.5	7.1	17.8	7.0	7.3	7.2

FIFTY-FOURTH ANNUAL REPORT

OF

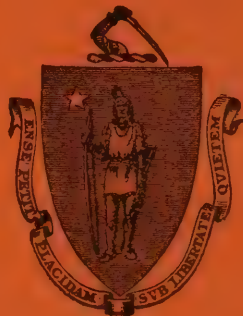
THE TRUSTEES

OF THE

TAUNTON INSANE HOSPITAL,

FOR THE

YEAR ENDING NOVEMBER 30, 1907.



BOSTON:
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.
1908.

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THE STATE BOARD OF PUBLICATION.

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THE STATE BOARD OF PUBLICATION

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OFFICERS

OF THE

TAUNTON INSANE HOSPITAL.

TRUSTEES.

WILLIAM C. LOVERING,	TAUNTON.
NATHANIEL B. BORDEN,	. . . . .	FALL RIVER.
JAMES P. FRANCIS,	. . . . .	NEW BEDFORD.
ELIZABETH C. M. GIFFORD (<i>Secretary</i>),	. . . . .	BOSTON.
SUSAN E. LEAROYD,	. . . . .	WAKEFIELD.
LOYED E. CHAMBERLAIN (<i>Chairman</i>),	. . . . .	BROCKTON.
HENRY R. STEDMAN, M.D.,	. . . . .	BROOKLINE.

RESIDENT OFFICERS.

ARTHUR V. GOSS, M.D.,	. . . . .	<i>Superintendent.</i>
BENJAMIN W. BAKER, M.D.,	. . . . .	<i>Assistant Physician.</i>
HORACE G. RIPLEY, M.D.,	. . . . .	<i>Assistant Physician.</i>
FLORENCE H. ABBOT, M.D.,	. . . . .	<i>Assistant Physician.</i>
GEORGE K. BUTTERFIELD, M.D.,	. . . . .	<i>Assistant Physician.</i>
DORA W. FAXON, M.D.,	. . . . .	<i>Assistant Pathologist.</i>
RAOUL G. PROVOST, M.D.,	. . . . .	<i>Interne.</i>
HARRIETTE M. SEAVER,	. . . . .	<i>Superintendent of Training School for Nurses.</i>
JAMES C. FLYNN,	. . . . .	<i>Engineer.</i>
OTIS E. WHITE,	<i>Steward.</i>
A. A. SOUTHWICK,	<i>Farmer.</i>

TREASURER.

FRANK W. BOYNTON,	TAUNTON.
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Office at the Hospital.

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Taunton Insane Hospital present their fifty-fourth annual report.

The work of the hospital during the past year has been successful and gratifying. A record in detail of the number of patients admitted, dismissed, discharged and transferred, the number under treatment, showing the number of recoveries and deaths, with the exact nature of the diseases, together with much other valuable information as to the medical and other features of the hospital work, is contained in the superintendent's report, submitted to and approved by the trustees. That report is herewith transmitted.

The entire working force in the hospital has given the State conscientious service.

The high character of the service required renders it difficult, under present conditions, to secure the best material for nurses. Shorter hours of service and higher wages present attractions for many pursuits otherwise less desirable. The exacting and semi-professional nature of the work demands substantial recognition, both in shorter hours and in increased compensation.

The recommendations of the superintendent along these lines meet with the approval of the trustees, and are to be made operative. The unfortunates placed in our charge are entitled to the best the State can afford, and exhausted, overworked and underpaid nurses cannot produce the results which can be obtained if the standard is thus raised.

Public graduating exercises for the retiring class in the training school were successfully inaugurated last June, and it is the purpose of the trustees to make this a feature of the school life each year. It is a worthy recognition of faithful work, and must operate as an incentive to renewed effort on the part of the undergraduates.

Religious services have been conducted at the Raynham Farm, as at the hospital, and have been appreciated by the patients residing there.

Proper and desirable recreation has been provided for the patients through lectures, entertainments and dances in the chapel, and picnics, ball games and other sports on the grounds through the summer.

The patients make good use of the library, and avail themselves of the periodicals and papers kindly presented to the hospital by thoughtful friends. The names of those contributing may be found in the superintendent's report.

The buildings have been maintained and kept in such necessary repair as the funds at hand would permit. Repairs are needed on the old dwelling house at the Raynham Farm, new floors should be laid in some of the halls and dining rooms in the main buildings and in the brick cow barn. Means must be provided for this necessary work. We therefore ask for a special appropriation of \$2,400 for repairs and alterations on the old dwelling house at the Raynham Farm, and for laying floors on two wards in the main buildings.

The completion of the electric light plant and the installation of electric motors have given us modern conveniences, and much needed and improved facilities in the laundry, machine and carpenter shop.

The appearance of tuberculosis among the cows necessitated drastic measures, resulting in 57 out of the herd being condemned. These have been in part replaced, and more care in purchasing and more frequent testing will be the future policy of the board.

Dr. Harry W. Miller, assistant physician and pathologist, resigned after seven years of very satisfactory and successful service, to enter a larger field of work in a similar position in Dunning, Ill. The vacancy has not yet been filled, the labora-

tory work being satisfactorily carried on by Dr. Dora W. Faxon, his former assistant.

The trustees record their sorrow at the death of Mr. John Kittredge, who served the State as steward and treasurer at the hospital so faithfully for nearly half a century.

Dr. Arthur V. Goss has finished his first year of service as superintendent with credit, and seems to have a grasp on the situation and an appreciation of the necessities and requirements of the hospital, both as regards its business affairs and the needs of the patients. His long and faithful service as assistant to Dr. John P. Brown, whom he succeeded, prepared him for his new duties. In the prime of life, with high ambition in his chosen profession and with an earnest determination to succeed in his new position, the trustees expect from him increasing efficiency, and a resulting model hospital. His administration has been satisfactory to the trustees.

Harmony prevails throughout the institution, and confidence in each other marks the relation of superintendent and subordinates. This is the first requisite for success in any institution. A spirit of kindness and humanity toward those in their charge characterizes both physicians and attendants in the hospital. Any other spirit would not for a moment be tolerated by the trustees.

WILLIAM C. LOVERING.
NATHANIEL B. BORDEN.
JAMES P. FRANCIS.
ELIZABETH C. M. GIFFORD.
SUSAN E. LEAROYD.
LOYED E. CHAMBERLAIN.
HENRY R. STEDMAN, M.D.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton Insane Hospital.

In compliance with the by-laws of your Board I present to you the fifty-fourth annual report of the superintendent, for the year ending Nov. 30, 1907.

At the beginning of the year there were in the hospital 943 patients, — 498 men and 445 women. There were admitted within the year 577, — 315 men and 262 women, — 245 men and 202 women by commitment, 6 men and 20 women by transfer, making the whole number of cases under treatment 1,520, which is 101 more cases than were under treatment the previous year.

There were dismissed during the year 606 patients, — 323 men and 283 women, — as follows: 43 were discharged as recovered, 45 as capable of self-support, 89 as improved, 26 as not improved, 2 as not insane, 123 died, 3 of those who escaped were still at large, and 94 were out on visit at the close of the statistical year. Of the 606 cases dismissed, 9 women were under commitment as dipsomaniacs or inebriates; of these, 5 were discharged as capable of self-support, 1 as improved, 1 died, 1 was transferred and 1 was on visit October 1. The daily average number was 943.8, which is 1.2 less than the previous year. Of those discharged recovered, 7 had been insane less than one month, 19 less than twelve months, and the whole duration of insanity in 40.9 per cent. of those who recovered did not exceed one year.

The transfers by the State Board of Insanity were as follows: 50 were transferred to the Medfield Insane Asylum, 25 to the Worcester Insane Asylum, 25 to the Insane Wards, State Hospital at Tewksbury, 55 to the Foxborough State Hospital, 4 to the State Asylum for Insane Criminals at State Farm, 2 to the Danvers Insane Hospital, 1 to the Northampton State

Hospital, 1 to the McLean Hospital, 1 to the Boston Insane Hospital, 17 to family care, and 33 were removed from the State, having no settlement in the State. Eleven patients were deported by the commissioner of immigration.

The number of recoveries were 13 more than last year. The percentage of recoveries calculated on the admissions was 7.6; calculated on the discharges it was 8.5.

One hundred and twenty-three patients died during the year, 17 more than last year. Seven died of general paralysis, while 19 general paralytics died from other causes, 1 of organic brain disease, 5 of some form of tuberculosis, 6 of cerebral hemorrhage, and 14 of some form of organic heart disease. Of those dying of acute disorders, 23 died of some form of pneumonia, 20 of acute gastric and intestinal disorders, and 1 of acute delirium. The percentage of deaths calculated on the daily average number of patients was 12; calculated on the whole number under treatment it was 9.4.

There were 9 cases of malaria, 1 primary and 8 secondary, as against 18 cases last year. There were 5 cases of erysipelas, the same number as last year. There were 26 cases of pneumonia, 16 men and 10 women, 23 of whom died. These cases were nearly all terminal cases, occurring in old, enfeebled, bedridden persons.

For many years we have had a large number of cases of acute enteric disorders during the months of July and August. This year we had more cases than usual, 118 in all, — 14 men and 104 women. Of these, 13, 1 man and 12 women, were nurses. Twenty-five of these cases, 3 men and 22 women, were distinctly dysenteric in character. Of these 118 cases, 19, 4 men and 15 women, died. The known cases of tuberculosis in the hospital at present are 3 in number, 2 men and 1 woman.

Six patients escaped during the year, 3 of whom were returned.

Five hundred and forty-three patients, 403 men and 140 women, have been employed in the various departments of the hospital. Efforts have been made during the year to adapt employment to the individual taste and capability of the patient, and to extend the sphere of employment wherever possible. Our three ox teams are handled entirely by patients. For

the past ten months a patient has acted as librarian in the hospital library, and has discharged his duties to the satisfaction of all concerned. Three patients have been employed in the offices at clerical work, and for several months one patient did full duty as stenographer satisfactorily. Three patients play instruments in the hospital orchestra, and three others are regular members of the choir. On the male wards, throughout the year, patients have done much unclassified but very helpful and necessary work, such as cleaning, pressing and repairing clothing. Many women patients for their own pleasure and profit do, in the course of a year, much knitting, crocheting, embroidery and fine needle work, suggesting many possibilities for future development. It is unnecessary to dwell on the marked physical and mental benefit produced by regular employment as it is recognized by all. One hundred and fifty-four patients, 124 men and 30 women, have had full parole of the grounds, and 12 men have had partial parole.

Dr. Curtis W. Farrington of Boston has continued his dental work during the year. The aggregate amount of work done by him is as follows: teeth extracted, 418; sets teeth cleaned, 205; teeth treated, 23; fillings, cement, 90; fillings, silver, 61; roots filled, 1; enamel fillings, 4; sets of false teeth made, 2; plate polished, 1; total number of patients treated, 315.

The graduating exercises of the training school for nurses were made public for the first time last June, when 12 women nurses received diplomas, the largest number in the history of the school. The chairman of your Board, Hon. Loyed E. Chamberlain, delivered the address and presented the diplomas. The exercises were fully attended, both by the friends of the nurses and by the citizens of Taunton. The school now has 35 pupils, 27 women and 8 men. Several of our graduate nurses resigned during the year to pursue postgraduate courses, to take other responsible positions or to engage in private nursing. While we cannot be otherwise than gratified at the success of our graduates in other fields of labor, it is a serious loss to the hospital to be deprived each year of several of our best trained and most competent nurses.

Everett H. Leonard, farmer at the Raynham Farm, was granted leave of absence last June for his health. Mr. Leonard

has been in charge of the farm since it was first occupied, in 1899, and has been a faithful and efficient manager. We have received gratifying reports as to his improved health, and hope that he may soon be able to return. In spite of his absence the Raynham Farm has had a successful year, and is now caring for 72 patients. Beginning with the first Sunday in last March, religious services have been conducted at the farm the first Sunday in each month. Both employees and patients have taken an active interest in these services.

The electric light plant has been completed and electric motors installed to operate the machinery in the laundry, and machine and carpenter shops. Considerable work in painting and general repairs has been done during the year, but lack of funds has necessitated postponing much necessary work until the coming year. A new floor is needed in the brick cow barn and general repairs in the horse stable. In addition, repairs are needed on the old dwelling house at the Raynham Farm, and new floors are needed on M 7 and M 8 halls, dining rooms and corridors. I therefore recommend that a special appropriation of \$2,400 be asked for for repairs and alterations on the old dwelling house at the Raynham Farm, and for laying floors on two wards in the main hospital buildings.

A small grist mill was installed early in the year. A paroled patient has acted as miller, and has given good service. This has enabled us to grind and mix our own feed, thus saving something on our grain bill.

Last August tuberculosis was detected in both of our herds of cows. They were tested under the direction of Dr. Austin Peters, Chairman of the Cattle Bureau, with the result that 57 out of a total of 84 were condemned.

As a new floor was needed in the brick cow barn, it seemed wise to lay it before again using the barn for cows. Lack of funds, however, necessitated postponing the work until the coming year. The cow barn at the Raynham Farm was thoroughly cleaned and disinfected, according to the directions of Dr. Peters. We then bought 37 tested cows, all that we had accommodations for at the Raynham Farm. It is our intention to buy only tested cows, and to have the herds tested twice yearly in the future.

It has been increasingly difficult for a number of successive years to secure a sufficient number of young men and women, of the proper quality, to supply the vacancies in our corps of nurses. While the causes for this condition may not all be apparent, two seem to predominate, — the wages paid and the hours of labor. While the wages of other occupations have increased materially during the last few years, the wages paid to nurses in our State hospitals have remained practically unchanged. Recent legislation, moreover, has, either directly or indirectly, shortened the hours of labor of nearly all classes of hospital employees with the exception of the class most needing such relief, namely, our nurses.

I therefore recommend that in estimating our maintenance appropriation we make provision for a reduction in the hours of labor for nurses, together with an increase in wages. I would recommend a ten-hour day six days per week. I would recommend that men nurses be paid \$25 the first year and \$30 the second, and that women nurses be paid \$20 the first year and \$25 the second.

The per capita cost of maintenance is \$4.17, the same as the year previous.

Entertainments were given in chapel each week as usual, from November until April, a social dance and a stereopticon lecture alternating. The regular stereopticon lectures were given by Drs. Baker and Abbot, Mr. White, steward, and Miss Seaver, superintendent of training school for nurses. Rev. Joel Metcalf gave a much enjoyed lecture on Oxford. Mrs. Earl B. Duffy and friends of St. John's parish gave one of their bright musical entertainments. The Kentucky Belles, a local organization of young women, some of whom are hospital employees, gave two excellent minstrel shows. Thanksgiving, Christmas and July 4 were observed as usual, and the usual number of picnics were enjoyed in the grove during the summer. Through the liberality of the managers of the Bristol County Fair 242 of our patients were enabled to attend, a privilege much enjoyed and appreciated.

Periodicals and papers were given by the following parties: Dr. Henry R. Stedman, Brookline, Mass.; Mrs. Ann E. Goss, Chelsea, Vt.; Mr. William Reed, Mrs. Dudley M. Holman, Rev. N. P. Toby, Mr. John Kittredge, all of Taunton. Milton

Reed, Esq., a former member of your Board, recently presented the hospital library with a number of valuable books. "The New Bedford Daily Mercury" and "The Old Colony Memorial" continue to be received free of charge.

Dr. Harry W. Miller, assistant physician and pathologist, resigned last June, to accept the position of psycho-pathologist in The Cook County Institutions, Dunning, Ill. By Dr. Miller's resignation the hospital loses a competent pathologist and a faithful, hard-working officer. His social qualities won him many friends, both in the hospital and in the community at large, who all cordially wish him success in his new field of labor. His position has not as yet been filled. The laboratory work has been satisfactorily conducted by the assistant pathologist, Dr. Dora W. Faxon.

PATHOLOGICAL REPORT.

The work of the pathological laboratory for the period ending Nov. 30, 1907, has been as follows:—

There have been 25 autopsies; males, 13; females, 12. Mental diseases coming to autopsy are as follows:—

General paralysis,	7	Involution psychosis,	1
Senile dementia,	5	Imbecility,	1
Dementia præcox (2 of which were katatonic cases),	5	Acute alcoholic insanity,	1
Manic-depressive insanity,	3		
Organic brain disease (arterio- sclerosis),	2	Total,	25

The causes of death in cases coming to autopsy are as follows:—

Lobar-pneumonia,	2	Organic heart disease and cerebral thrombosis (lateral sinus),	1
Bronchopneumonia,	2	Meningitis and cerebellar ab- scess,	1
Acute bronchitis,	1	Organic heart disease,	1
Pulmonary tuberculosis (with abscess),	2	Fatty degeneration of heart,	1
Miliary tuberculosis (general),	1	Pernicious anæmia,	1
Septicæmia,	3	Carcinoma of omentum,	1
Perineal abscess,	1	Strangulated umbilical hernia,	1
General paralysis (with convul- sions),	1	Chronic interstitial pancreatitis,	1
Acute alcoholic insanity,	1	Chronic gastroenteritis,	1
Cerebral arteriosclerosis,	1		
Cerebral hemorrhage,	1	Total,	25

Although it has been frequently remarked by members of the staff that the autopsies always prove instructive, several have been of exceptional value; among them are the following:—

Cerebrospinal meningitis with cerebellar abscess, extension of otitis media.

Pernicious anæmia.

Carcinoma of the omentum.

Chronic interstitial pancreatitis.

That of case No. 17290 (autopsy No. 1587) was notable because of the large number of advanced pathological conditions existing in a woman who died of general paralysis, with convulsions and bronchopneumonia. The anatomical diagnosis showed:—

General paralysis of fifteen or sixteen years duration.

• Double bronchopneumonia.

Tuberculosis of right lung (caseous cavity).

Gastric ulcer (pyloric).

Fibroid uterus (large).

Biliary calculi (2, each the size of a large walnut).

The case of chronic gastroenteritis showed the walls of the stomach and intestinal tract covered with a thick, greenish, mucous coating, so tenacious as to be difficult to remove.

During his last year in Taunton Dr. Miller was a member of the tuberculosis committee of the North Bristol Medical Society, and gave two lectures in the Tuberculosis Convention, held for one week in the High School. Mounted specimens and microscopes were loaned from the hospital laboratory.

Dr. Miller produced papers on Addison's Disease and Cotard's Syndrome, which were presented at the medical societies.

The general clinical laboratory work has been carried on as previously, comprising 413 urinalyses and numerous examinations of blood, pus, sputum, effusions, stomach contents, as well as the examination of several small growths removed in operation. Several specimens have been added to the collection in gelatine mounting.

During the examination of the cows in August, specimens

of milk were examined, and the internal organs from 7 cows were prepared and examined microscopically; findings as per special report at that time.

Dr. Raoul G. Provost, a graduate of the University of Vermont Medical College, class of 1907, was appointed interne and entered upon his duties August 1.

Last year I reported the resignation of Mr. John Kittredge, after a service of forty-four years. His many friends in the hospital and community were saddened by his death, which occurred at his residence in this city, July 12, 1907. Although he had attained the ripe age of eighty years, he was comparatively free from the infirmities of age until a few months before his death. Up to the last he maintained his active interest in the hospital he had served so long and so faithfully. Only a few days before he came down with the illness that proved fatal, he visited your superintendent in his office, and showed the keenest interest in everything pertaining to the welfare of the institution. In last year's report it was erroneously stated that he was treasurer for forty-four years. He was clerk and steward for Dr. Choate, your first superintendent, for eight years, and treasurer for thirty-six years, making forty-four years in the hospital service.

The medical staff and other hospital officials have rendered faithful, efficient and conscientious service throughout the year. Our nurses and other employees have also for the most part been faithful, loyal and efficient. Without the hearty and loyal co-operation of officers and employees no administration can be successful.

Finally, I desire to thank your Board for the hearty support and co-operation that you have one and all afforded me during a very trying year. That we may be able to accomplish more in the coming year than in the year that has passed is my earnest desire.

ARTHUR V. GOSS,
Superintendent.

OFFICERS AND THEIR SALARIES.

ARTHUR V. GOSS, M.D., <i>Superintendent</i> ,	\$2,500 00
BENJAMIN W. BAKER, M.D., <i>Assistant Physician</i> ,	1,500 00
FLORENCE H. ABBOT, M.D., <i>Assistant Physician</i> ,	1,000 00
HORACE G. RIPLEY, M.D., <i>Assistant Physician</i> ,	1,000 00
GEORGE K. BUTTERFIELD, M.D., <i>Assistant Physician</i> ,	700 00
DORA W. FAXON, M.D., <i>Assistant Pathologist</i> ,	600 00
RAOUL G. PROVOST, M.D., <i>Interne</i> ,	500 00
FRANK W. BOYNTON, <i>Treasurer</i> ,	1,200 00
OTIS E. WHITE, <i>Steward</i> ,	1,200 00
JAMES C. FLYNN, <i>Engineer</i> ,	1,200 00

VALUATION.

Nov. 30, 1907.

Land, 330 acres,	\$52,100 00
Hospital buildings,	415,000 00
Brick barn and stable,	8,000 00
New barn,	5,000 00
New stable,	4,000 00
Laundry building,	16,000 00
Industrial building,	12,000 00
Nurses' home buildings,	86,300 00
Other buildings and wall,	30,600 00
	\$629,000 00

PERSONAL ESTATE.

Live stock on the farms,	\$8,359 00
Produce of the farms on hand,	5,207 70
Carriages and agricultural implements,	8,842 70
Other property of the farms,	560 00
Machinery and mechanical fixtures,	46,985 00
Beds and bedding in inmates' department,	32,324 77
Other furniture in inmates' department,	14,523 66
Personal property of the State in the superintendent's department,	19,724 24
Dry goods and clothing,	5,322 51
Provisions and groceries,	2,690 58
Drugs and medicines,	600 00
Fuel,	860 00
Library,	1,800 00
Other supplies undistributed,	1,964 85
	149,765 01
	\$778,765 01

TREASURER'S REPORT.

I respectfully submit the following report of the finances of the institution for the year ending Nov. 30, 1907, to the trustees:—

RECEIPTS.

Balance of receipts with the State Treasurer		
Nov. 30, 1906,	\$33,163 26	
Balance of maintenance appropriation with State Treasurer,		
Nov. 30, 1906,	\$32,534 42	
Less amount reverting to State treasury,	14,687 50	
	<hr/>	
	17,846 92	
Maintenance appropriation for 1907,	170,236 74	
	<hr/>	
		\$221,246 92
To support of patients, viz.:—		
From cities and towns,	\$196 58	
From soldiers' relief,	—	
From individuals,	18,099 01	
Reimbursements, viz.:—		
Received at institution,	9,048 14	
Received by Board of Insanity,	2,524 57	
Received by Board of Charity and other agencies,	74 29	
	<hr/>	
		29,942 59
Rent,	\$135 00	
Telephone charges refunded,	4 05	
Express charges refunded,	30 81	
Travelling expenses refunded,	10 85	
Use of team,	4 00	
Board,	102 00	
Labor,	64 20	
	<hr/>	
		350 91
Sales, viz.:—		
Foods,	\$2 17	
Clothing and clothing material,	294 26	
Farm, stable and grounds,	1,079 11	
Miscellaneous,	355 00	
	<hr/>	
Total sales,		1,830 54
		<hr/>
Total receipts,		\$253,370 96

PAYMENTS.

Total payments, as per detailed statement,	221,246 92
	<hr/>
Balance with State Treasurer Nov. 30, 1907,	\$32,124 04

EXPENDITURES.

Salaries, wages and labor : —

Medical officers, stenographers and druggist, .	\$10,052 82
General administration,	28,363 89
Ward service,	33,509 32
Farm, stable and grounds,	8,948 87

\$80,874 90

Food : —

Butter,	\$12,867 30
Butterine,	1,621 50
Beans,	934 63
Bread and crackers,	446 85
Cereals, rice, meal, etc.,	1,689 52
Cheese,	67 32
Eggs,	3,921 99
Flour,	5,194 22
Fish,	2,857 85
Fruit (dried and fresh),	3,325 21
Meats,	13,057 30
Milk,	2,115 88
Molasses and syrup,	329 00
Sugar,	2,983 05
Tea, coffee, broma and cocoa,	2,287 44
Vegetables,	3,843 19
Lard,	694 02
Sundries,	1,774 81

60,011 08

Clothing and clothing material : —

Boots, shoes and rubbers,	\$253 66
Clothing,	1,162 09
Dry goods for clothing, and small wares, .	1,163 72
• Furnishing goods,	900 16
Hats and caps,	182 58
Leather and shoe findings,	523 76
Sundries,	358 16

4,544 13

Furnishings : —

Beds, bedding, table linen, etc.,	\$6,818 66
Brushes, brooms, etc.,	339 11
Carpets, rugs, etc.,	1,001 30
Crockery, glassware, cutlery, etc.,	480 65
Furniture and upholstery,	538 18
Kitchen furnishings,	516 85
Wooden ware, buckets, pails, etc.,	54 18
Sundries,	539 04

10,287 97

Amount carried forward, \$155,718 08

Amount brought forward, \$155,718 08

Heat, light and power:—

Coal,	\$19,337 48
Charcoal,	110 25
Gas,	1,260 13
Oil,	430 03
Sundries,	89 30

21,227 19

Repairs and improvements:—

Brick,	\$75 25
Cement, lime and plaster,	57 40
Electrical work and supplies,	1,410 39
Hardware,	433 81
Lumber,	336 94
Machinery, etc.,	128 13
Paints, oils, glass, etc.,	1,355 54
Plumbing, steam fitting and supplies,	916 78
Roofing and materials,	21 28
Mechanics and laborers (not on pay roll),	5,434 57
Sundries,	867 26

11,037 35

Farm, stable and grounds:—

Blacksmith and supplies,	\$522 42
Carriages, wagons and repairs,	738 40
Fertilizers, vines, seeds, etc.,	941 81
Hay,	1,396 34
Grain,	6,045 56
Harness and repairs,	163 57
Horses,	250 00
Cows,	2,645 95
Other live stock,	483 00
Labor (not on pay roll),	101 00
Rent,	20 00
Tools, farm machines, etc.,	255 10
Sundries,	1,096 15

14,659 30

Miscellaneous:—

Books, periodicals, etc.,	\$301 30
Chapel services and entertainments,	1,339 21
Freight, expressage and transportation,	1,730 11
Funeral expenses,	173 59
Hose, etc.,	261 45
Labor (not on pay roll),	175 00
Medicines and hospital supplies,	1,974 58
Medical attendance, nurses, etc. (extra),	79 00
Postage,	547 07
Printing and printing supplies,	818 83

Amounts carried forward, \$7,400 14 \$202,641 92

<i>Amounts brought forward,</i>	. . .	\$7,400 14	\$202,641 92
Printing annual report,	. . . . .	174 59	
Return of runaways,	. . . . .	2 40	
Soap and laundry supplies,	. . . . .	1,438 08	
Stationery and office supplies,	. . . . .	488 92	
Travel and expenses (officials),	. . . . .	779 51	
Telephone and telegraph,	. . . . .	658 08	
Tobacco,	. . . . .	824 57	
Water,	. . . . .	4,823 39	
Laboratory supplies,	. . . . .	95 70	
Sundries,	. . . . .	1,919 62	
			18,605 00
Total expenditures,	. . . . .		\$221,246 92

The foregoing statement of expenditures includes \$17,846.92, amount of bills payable on hand Nov. 30, 1906.

Deducting from total expenditures,	. . . . .	\$221,246 92
Amount of bills payable Nov. 30, 1906,	. . . . .	17,846 92
Leaves a balance of total expenditures for the year ending		
Nov. 30, 1907, of	. . . . .	\$203,400 00
Dividing this sum by 938, the average number of patients,		
we have the annual cost of each patient,	. . . . .	\$216 84
And the average weekly cost of	. . . . .	\$4 17

FINANCIAL STATEMENT.

The following is a statement of the appropriation made by the Legislature of 1906 for completing the electric lighting and cold-storage plants, for an addition to the steam-heating plant and for general repairs and for painting:—

Amount of appropriation,	. . . . .	\$15,000 00
Drawn to Nov. 30, 1906,	. . . . .	\$7,528 34
Since drawn to date, viz:—		
Electric lighting and cold-storage plants,	. . . . .	\$1,943 50
Addition to the steam-heating plant and general repairs,	. . . . .	3,096 36
Painting,	. . . . .	911 15
		5,951 01
		13,479 35
Balance of appropriation,	. . . . .	\$1,520 65

FRANK W. BOYNTON,
Treasurer.

HOME FARM PRODUCE.

VALUE OF FARM PRODUCE FROM DEC. 1, 1906, TO DEC. 1, 1907.

92,158	quarts milk,	\$4,607 90
425 $\frac{1}{3}$	dozen eggs,	148 87
1,400	pounds asparagus,	210 00
12	bushels lima beans,	6 00
92	bushels shelled beans,	115 00
232	bushels beets,	116 00
50	bunches beets,	2 50
1,800	pounds cabbages,	72 00
3	boxes cauliflower,	3 00
61	bushels carrots,	36 60
154	boxes celery,	130 90
14,329	cucumbers,	143 29
188 $\frac{2}{3}$	bushels corn,	141 50
2	barrels egg plants,	4 00
50	bunches herbs,	5 00
400	boxes lettuce,	300 00
30	bunches leeks,	1 50
53	bushels onions,	45 05
1	bushel onions,	85
286 $\frac{4}{5}$	bushels parsnips,	136 30
400	bunches parsley,	20 00
21	bushels peppers,	15 75
28 $\frac{1}{2}$	bushels pickles,	45 60
46	bushels peas,	46 00
180	dozen bunches radishes,	72 00
4,500	pounds rhubarb,	90 00
200	bunches sage,	10 00
100	bunches summer savory,	5 00
42	barrels squash,	63 00
$\frac{2}{3}$	barrel summer squash,	67
240	bushels spinach,	96 00
221	bushels tomatoes,	165 75

RAYNHAM FARM PRODUCE.

VALUE OF RAYNHAM FARM PRODUCE FROM DEC. 1, 1906, TO DEC. 1, 1907.

131,066	quarts milk,	\$6,553 30
659 $\frac{3}{4}$	dozen eggs,	230 91
2	boxes asparagus,	9 50
10	bushels shelled beans,	12 50
20 $\frac{1}{4}$	bushels string beans,	14 18
73 $\frac{3}{4}$	bushels beets,	36 88
2 $\frac{3}{4}$	bushels beet greens,	96
51 $\frac{1}{4}$	bushels carrots,	30 75
2	dozen bunches celery,	1 70
20	bushels green corn,	15 00
7,935	heads cabbage,	396 75
26	boxes cucumbers,	52 00
9	boxes lettuce,	6 75
32	bushels mangel beets,	8 00
11 $\frac{1}{4}$	bushels onions,	9 56
48	bushels parsnips,	36 00
54	bushels peas,	54 00
95	bushels potatoes,	76 00
275	pounds pumpkins,	8 25
4	dozen bunches radishes,	1 60
42	pounds rhubarb,	84
6	barrels squash,	9 00
4 $\frac{1}{2}$	bushels spinach,	1 80
8	bushels tomatoes,	6 00
8	bushels green tomatoes,	4 00
236	barrels turnips,	295 00
35	watermelons,	5 25
16 $\frac{1}{2}$	barrels apples,	49 50
17	boxes blackberries,	1 70
179	boxes currants,	19 69
11	boxes gooseberries,	1 21

170	pounds grapes,	\$5 10
10	boxes raspberries,	1 00
4,424	boxes strawberries,	353 92
5,296	pounds beef,	317 76
190	pounds veal,	20 90
500	pounds pork,	40 00
269	pounds fowl,	40 35
231	pounds chicken,	50 82
203½	tons hay,	3,663 00
159	tons ensilage,	795 00
10	tons grass,	50 00
20,856	feet lumber,	521 40
66½	cords wood,	299 25
25	posts,	5 00
24	cows,	336 00
26	calves,	52 00
1	bull,	20 00
	Hides, tallow, junk, etc.,	115 30
200	tons ice,	600 00

\$15,235 83

WORK DONE IN THE SEWING ROOM

FROM DEC. 1, 1906, TO NOV. 30, 1907.

313 wrappers.	62 pairs men's wristers.
4 dresses.	4 dressing sacks.
4 chapel dresses	2 barber's aprons.
11 strong gingham dresses.	12 leather cushion covers.
4 shirt waist suits.	1 marking pad.
11 strong dresses.	6 chair tidies.
5 duck camisoles.	4 canton flannel stockings.
19 canton flannel camisoles.	55 long nightdresses.
28 camisole's sleeves.	171 short nightdresses.
3 dresses repaired.	151 white curtains.
22 bureau covers.	122 sash curtains.
3 chemises.	4 lace curtains repaired.
161 pairs women's cotton drawers.	103 mattress ticks.
15 pairs women's flannel drawers.	181 pillow ticks.
66 flannel shirts.	3 canvas pillow ticks.
58 gingham shirts.	6 attendant's laundry bags.
4 chair covers.	60 hall laundry bags.
1 chair tick.	24 pairs duck mittens.
7 hassock ticks.	310 sick shirts.
7 hall cushion covers.	2 corset covers.
6 milk strainers.	123 white aprons.
18 coffee strainers.	280 nurses' aprons.
65 table cloths.	54 nurses' bibs.
14 table covers.	583 nurses' caps.
168 table napkins.	3 skull caps.
26 mattings bound.	213 bibs.
4 blankets bound.	116 men's shirts.
45 rugs hemmed.	26 men's drawers.
262 sick cloths.	681 bath towels.
37 bread covers.	219 attendants' towels.
14 stock collars.	242 single roller towels.
113 kitchen aprons.	893 pillow slips.
24 kitchen holders.	38 officers' slips.
13 pairs men's suspenders.	279 draw sheets.
73 men's neckties.	42 officers' sheets.
6 pairs cloth mittens.	554 hall sheets.

MENDING DONE IN THE SEWING ROOM

FROM DEC. 1, 1906, TO NOV. 30, 1907.

875 pairs pants.	19 jumpers.
1,562 pairs drawers.	35 hall laundry bags.
60 pairs overalls.	290 hay beds.
4,715 pairs stockings.	18 ticking aprons.
121 white shirts.	14 strong dresses.
1,961 colored shirts.	72 camisoles.
634 undershirts.	2 carpets.
230 short shirts.	4 strong gingham dresses.
41 nightshirts.	21 spreads.
147 vests.	3 surgical gowns.
308 coats.	1 surgical apron.
145 summer coats.	

WORK DONE ON THE WARDS

FROM DEC. 1, 1906, TO NOV. 30, 1907.

592 hall sheets.	48 operating room towels.
62 draw sheets.	12 fomentation towels.
446 pillow slips.	14 tray cloths.
703 single roller towels.	418 sick cloths.
140 double roller towels.	17 dusters.
589 linen towels.	76 gingham aprons.
1,422 bath towels.	56 ticking aprons.
74 table cloths.	5 ladies' skirts.
372 table napkins.	84 men's suspenders.
9 stand covers.	4 rugs hemmed.
6 chair covers.	35 laundry bags.
37 commode covers.	411 bibs.
16 bread covers.	9 crocheted table mats.

WORK DONE IN THE UPHOLSTERING DE-
PARTMENT OF THE INDUSTRIAL
BUILDING

FROM DEC. 1, 1906, TO NOV. 30, 1907.

638 mattresses made.	12 parlor chairs upholstered.
645 pillows made.	7 hassocks upholstered.
560 mattresses renovated.	2 cushions repaired.
500 pillows renovated.	2 sofas repaired.
11 long settee cushions uphol- stered.	1 easy chair repaired.
16 chair cushions upholstered.	5 parlor chairs repaired.
5 sofas upholstered.	5 barber chairs covered.
6 easy chairs upholstered.	2 infirmery chairs covered.
2 rocking chairs upholstered.	2,750 pounds curled hair hand picked.

WORK DONE IN SHOE AND REPAIR SHOP

FROM DEC. 1, 1906, TO NOV. 30, 1907.

134 men's pants made.	74 men's coats repaired.
120 men's overalls made.	86 blankets repaired.
88 men's jumpers made.	11 carpets repaired.
18 men's vests made.	24 camisoles repaired.
8 men's camisoles made.	4 suspenders repaired.
12 pairs canvas mittens made.	34 pairs rubber boots repaired.
24 pairs cloth mittens made.	394 pairs men's shoes repaired.
72 door mats made.	105 pairs men's slippers repaired.
22 straps made.	206 women's shoes repaired.
146 pairs men's shoes made.	98 women's slippers repaired.
130 pairs men's slippers made.	246 pairs rubber heels put on shoes.
87 pairs women's slippers made.	38 chairs caned.
20 pairs women's shoes made.	34 chairs basket bottomed.
600 men's pants repaired and pressed.	11 chairs wood bottomed.
300 men's coats repaired and pressed.	16 chairs repaired.
363 men's vests repaired and pressed.	52 floor brushes made.
119 men's suits repaired and pressed.	42 settees painted and varnished.
	12 bureaus painted and varnished.
	14 bed-side tables varnished.
	475 chairs varnished and scraped.
	112 bedsteads painted.

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

1.—General Statistics of the Year.

	INSANE.			DIPSOMANIAC OR INEBRIATE.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1906,	498	442	940	—	3	3	498	445	943
Admitted within the year,	315	252	567	—	10	10	315	262	577
Viz.: by commitment,	245	196	441	—	6	6	245	202	447
by transfer,	6	20	26	—	—	—	6	20	26
from escape,	1	—	1	—	—	—	1	—	1
from visit, ¹	63	36	99	—	4	4	63	40	103
Whole number of cases within the year,	813	694	1,507	—	13	13	813	707	1,520
Dismissed within the year,	323	274	597	—	9	9	323	283	606
Viz.: discharged,	121	78	199	—	6	6	121	84	205
as recovered at time of leaving the hospital,	23	20	43	—	—	—	23	20	43
as capable of self-support,	34	6	40	—	5	5	34	11	45
as improved,	47	41	88	—	1	1	47	42	89
as not improved,	16	10	26	—	—	—	16	10	26
as not insane,	1	1	2	—	—	—	1	1	2
died,	59	63	122	—	1	1	59	64	123
transferred,	89	91	180	—	1	1	89	92	181
escaped,	3	—	3	—	—	—	3	—	3
on visit October 1,	51	42	93	—	1	1	51	43	94
Patients remaining Sept. 30, 1907,	490	420	910	—	4	4	490	424	914
Viz.: supported as State patients,	432	334	766	—	3	3	432	337	769
as private patients,	28	51	79	—	1	1	28	52	80
as reimbursing patients,	30	35	65	—	—	—	30	35	65
Number of different persons within the year,	749	649	1,398	—	13	13	749	662	1,411
Number of persons admitted,	255	216	471	—	6	6	255	222	477
Number of different persons admitted by commitment,	243	194	437	—	6	6	243	200	443
Number of different persons dismissed,	263	238	501	—	9	9	263	247	510
Number of persons recovered,	23	20	43	—	—	—	23	20	43
Number of different persons discharged, capable of self-support,	34	6	40	—	6	6	34	12	46
Daily average number of patients,	500.4	439.9	940.3	—	3.5	3.5	500.4	443.4	943.8
Viz.: State patients,	441.92	355.17	797.09	—	3.34	3.34	441.92	358.51	800.43
private patients,	20.5	53.2	79.7	—	.16	.16	20.5	53.36	79.86
reimbursing patients,	31.98	31.53	63.51	—	—	—	31.98	31.53	63.51
Nominally admitted for discharge,	58	33	91	—	4	4	58	37	95

¹ Nominally admitted for discharge.

2. — Insane received on First and Subsequent Commitments.

NUMBER OF THE ADMISSION.	CASES COMMITTED.		
	Males.	Females.	Totals.
First to this hospital,	225	178	403
Second to this hospital,	12	15	27
Third to this hospital,	3	1	4
Fourth to this hospital,	2	1	3
Fifth to this hospital,	—	1	1
Sixth to this hospital,	—	1	1
Seventh to this hospital,	1	—	1
Total cases,	243	197	440
Total persons,	240	194	434
Never before in any hospital for the insane, .	203	156	359

3. — Nativity and Parentage of Insane Persons first admitted to Any Hospital.

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts,	58	31	29	53	20	25	111	51	54
Other New England States,	12	11	11	14	8	10	26	19	21
Other States,	13	8	7	7	4	5	20	12	12
Total native,	83	50	47	74	32	40	157	82	87
Other countries:—									
Africa,	2	3	2	1	1	1	3	4	3
Asia,	—	—	—	1	1	1	1	1	1
Austria-Hungary,	4	4	4	—	—	—	4	4	4
Azores,	3	2	2	2	2	2	5	4	4
Canada,	31	24	23	23	24	20	54	48	43
Cape Verde Islands,	3	2	3	—	—	—	3	2	3
England,	20	18	19	16	19	16	36	37	35
Germany,	3	3	4	1	2	2	4	5	6
Ireland,	22	39	43	25	37	38	47	76	81
Italy,	8	2	2	1	1	1	9	3	3
Norway,	1	2	2	—	—	—	1	2	2
Portugal,	2	1	1	1	1	1	3	2	2
Russia,	7	3	3	3	3	3	10	6	6
Scotland,	2	5	2	—	—	1	2	5	3
Spain,	—	1	—	3	4	—	3	5	—
Sweden,	3	4	4	1	1	2	4	5	6
Switzerland,	—	—	—	—	—	1	—	—	1
Turkey,	1	1	1	1	1	—	2	2	1
Wales,	—	—	—	—	—	1	—	—	1
West Indies,	1	2	2	—	—	—	1	2	2
Total foreign,	113	116	117	79	97	90	192	213	207
Unknown,	7	37	39	3	27	26	10	64	65
Totals,	203	203	203*	156	156	156	359	359	359

4. — *Residence of Insane Persons admitted by Commitment.*

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable County, . . .	9	2	11	1	—	1	10	2	12
Bristol County, . . .	118	104	222	19	20	39	137	124	261
Middlesex County, . . .	—	—	—	—	1	1	—	1	1
Nantucket County, . . .	—	1	1	—	—	—	—	1	1
Norfolk County, . . .	19	4	23	7	6	13	26	10	36
Plymouth County, . . .	23	24	47	10	6	16	33	30	63
Suffolk County, . . .	34	21	55	3	5	8	37	26	63
Totals, . . .	203	156	359	40	38	78	243	194	437
Viz., cities or towns (10,000 or over), . . .	147	112	259	21	22	43	168	134	302
country districts (under 10,000), . . .	56	44	100	19	16	35	75	60	135

5. — *Civil Condition of Insane Persons first admitted to Any Hospital.*

	Males.	Females.	Totals.
Unmarried,	78	63	141
Married,	92	68	160
Widowed,	21	22	43
Divorced,	2	2	4
Totals,	193	155	348
Unknown,	10	1	11
Totals,	203	156	359

6. — *Occupations of Insane Persons first admitted to Any Hospital.*

MALES.

Baker,	1	Mason,	1
Barber,	1	Mechanic,	1
Bartenders,	3	Merchant,	1
Beer bottler,	1	Mill operatives,	12
Blacksmiths,	3	Morocco dresser,	1
Bleachery employee,	1	Motorman,	1
Bookkeepers,	3	Moulders,	3
Brakeman,	1	Music teacher,	1
Bricklayer,	1	No occupation,	24
Brickmaker,	1	Overseer,	1
Butchers,	2	Painters,	6
Cap maker,	1	Pharmacist,	1
Carpenters,	9	Piano maker,	1
Chemist,	1	Police officer,	1
Clerks,	3	Porter,	1
Coal heaver,	1	Printers,	3
Cobbler,	1	Poultry dresser,	1
Confectioner,	1	Rubber worker,	1
Cooks,	2	Shoe cutter,	1
Cooper,	1	Shoe operatives,	6
Deputy sheriff,	1	Solicitor,	1
Die cutter,	1	Stoker,	1
Engineers,	3	Stone cutter,	1
Farmers,	3	Stone mason,	1
Fireman,	1	Switchman,	1
Fruit dealer,	1	Teamsters,	5
Gardner,	1	Telegraph operators,	2
Hostlers,	3	Upholsterer,	1
Jeweler,	1	Waiter,	1
Laborers,	40	Weavers,	12
Laster,	1		
Livery stable keeper,	1	Total,	198
Loom fixer,	1	Unknown,	5
Machinists,	3		
Mariners,	5	Total,	203

6. — *Occupations of Insane Persons first admitted, etc.* — Concluded.

FEMALES.

Clerk,	1	Mill operatives,	11
Domestics,	11	No occupation,	15
Housekeepers,	14	Shoe operative,	1
Housewives,	14	Teacher,	1
Jeweler,	1	Weavers,	5

WIFE OR DAUGHTER OF —

Attorney,	1	Mill operatives,	5
Baker,	1	Overseer in mill,	1
Belt maker,	1	Painter,	1
Bookkeeper,	1	Pedler,	1
Butcher,	1	Plumber,	1
Cabinet makers,	2	Quarryman,	1
Car inspector,	1	Real estate agent,	1
Carpenters,	5	Silver plate worker,	1
Clerks,	2	Ship carpenter,	1
Contractor,	1	Shipper,	1
Engineer,	1	Shoe cutter,	1
Farmers,	19	Stable keeper,	1
Gardener,	1	Tack maker,	1
Hostler,	1	Tailor,	1
Jeweler,	1	Teacher,	1
Laborers,	10	Watchmen,	2
Marble cutter,	1	Weavers,	6
Masons,	2		
Mechanics,	2	Total,	156
Metal polisher,	1		

8.— Probable Causes of Mental Disease in Persons first admitted to Any Hospital.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.					
	Males.	Females.	Totals.	HEREDITARY TENDENCY.			NEUROTIC TENDENCY.		
				Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Physical.</i>									
Alcoholic intemperance,	45	11	56				12		12
Alcoholic intemperance and grief,	2		2				1		1
Alcoholic intemperance and injury to head,	1		1				1		1
Alcoholic intemperance and loss of work,	1		1						
Alcoholic intemperance and morphinism,		1	1						
Alcoholic intemperance and senility,	2	1	3						
Alcoholic intemperance and worry,	1	2	3						
Arteriosclerosis,		2	2						
Cerebral hemorrhage,		2	2						
Cocainism,		1	1						
Cocainism and immorality,		1	1						
Congenital,	8	6	10	1		1			
Epilepsy,	4		4	9	22	31	1	6	7
Heredity,	9	25	34	2	1	3			
Heredity and alcoholic intemperance,	2	1	3		1	1			
Heredity and domestic troubles,		1	1		1	1			
Heredity and overwork,		1	1		1	1			
Heredity and surgical operation,		1	1		3	4			
Heredity and senility,	1	3	4	1		1			
Heredity and trauma,	1		1	1		1			
Ill health,	1		1						
Ill health and worry,	1		1						
Infectious disease and intemperance,	1		1						
La grippe and bronchopneumonia,	1	1	2						
Masturbation,	1		1						

9. — Probable Duration of Mental Disease before Admission.

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.		
	Males.	Females.	Totals.
Congenital,	3	1	4
Under 1 month,	35	32	67
From 1 to 3 months,	30	19	49
3 to 6 months,	15	13	28
6 to 12 months,	14	5	19
1 to 2 years,	21	16	37
2 to 5 years,	20	16	36
5 to 10 years,	7	7	14
10 to 20 years,	3	7	10
Over 20 years,	1	—	1
Totals,	149	116	265
Unknown,	54	40	94
Totals,	203	156	359
Average known duration (in years),	1.3	2.1	1.7

[illegible]

11.—Discharges of the Insane, classified by Admission and Result, and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, .	20	14	34	26	2	28	40	37	77	11	9	20	1	1	2	53	57	110	151	120	271
Second to this hospital,	2	3	5	4	2	6	8	2	10	3	1	4	—	—	—	5	4	9	22	12	34
Third to this hospital,	—	2	2	—	1	1	—	—	—	—	—	—	—	—	—	—	1	1	—	4	4
Fourth to this hospital,	—	1	1	2	—	2	—	—	—	1	—	1	—	—	—	—	1	1	4	2	6
Fifth to this hospital, .	—	—	—	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	2	2
Sixth to this hospital, .	—	—	—	2	—	2	—	—	—	1	—	1	—	—	—	—	—	—	3	—	3
Twentieth to this hospital, .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Totals, .	23	20	43	34	6	40	48	40	88	16	10	26	1	1	2	59	63	122	181	140	321
First admitted to any hospital, .	17	13	30	25	2	27	31	32	63	10	9	19	1	1	2	47	52	99	131	109	240

12. — Cause of Death, and Form of Mental Disease in Persons who died — Concluded.

CAUSE.	INVOLUTION PSYCHOSIS.			SENILE DEMENTIA.			ORGANIC BRAIN DISEASE.			MANIC-DEPRESSIVE INSANITY.			TRAUMATIC PSYCHOSIS.			CHRONIC MENINGITIS.			ACUTE DELIRIUM.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Diseases of the Digestive System — Con.</i>																					
Acute enterocolitis and manic-depressive insanity,
Acute enterocolitis and involution psychosis,
Acute enterocolitis and senile dementia,
Acute gastritis and senile dementia,
Chronic gastritis and involution psychosis,
Chronic gastritis and dementia præcox,
Chronic pancreatitis and dementia præcox,
Dysentery and senile dementia,
Dysentery and alcoholic insanity,
Gastroenteritis and senile dementia,
Gastroenteritis and dementia præcox,
Totals,	3	5	8	12	25	37	4	3	7	5	7	12	1	—	1	—	1	1	—	1	1
<i>Diseases of the Genitourinary System.</i>																					
Acute nephritis and manic-depressive insanity,
Acute nephritis and dementia præcox,
Acute nephritis and alcoholic insanity,
Chronic cystitis and dementia præcox,
Cystitis and senile dementia,
Totals,	3	5	8	12	25	37	4	3	7	5	7	12	1	—	1	—	1	1	—	1	1

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Recovered: —												
Under 1 month, . . .	2	5	7	4	2	6	1	—	1	—	—	—
From 1 to 3 months, . . .	6	2	8	7	4	11	2	2	4	2	—	2
3 to 6 months, . . .	2	1	3	4	1	5	7	1	8	2	—	2
6 to 12 months, . . .	1	—	1	2	2	4	—	2	2	1	2	3
1 to 2 years, . . .	—	—	—	—	2	2	1	1	2	—	1	1
2 to 5 years, . . .	1	3	4	—	1	1	1	3	4	—	4	4
5 to 10 years, . . .	—	1	1	—	1	1	—	3	3	1	—	1
10 to 20 years, . . .	—	—	—	—	—	—	—	—	—	—	—	—
Over 20 years, . . .	—	—	—	—	—	—	—	—	—	—	—	—
Totals, . . .	12	12	24	17	13	30	12	12	24	4	3	7
Unknown, . . .	5	1	6	—	—	—	5	1	6	2	4	—
Totals, . . .	17	13	30	17	13	30	17	13	30	6	7	13
Average of known cases (in months),	41.0	17.5	29.2	2.6	18.2	10.4	6.5	36.0	21.2	32.2	29.3	30.7
										13.1	19.7	16.4

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died — Concluded.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
B. — Died: —												
Under 1 month,												
From 1 to 3 months,	1	6	7	9	3	12	—	1	1	1	—	1
3 to 6 months,	3	7	10	10	11	21	1	4	5	1	2	3
6 to 12 months,	5	—	5	3	3	6	2	1	3	1	—	1
1 to 2 years,	3	2	5	7	5	12	2	3	5	1	2	3
2 to 5 years,	10	5	15	7	13	20	10	3	13	1	1	2
5 to 10 years,	5	12	17	6	13	19	11	14	25	2	4	6
10 to 20 years,	4	10	14	1	2	3	5	13	18	2	1	3
Over 20 years,	3	1	4	2	2	4	3	4	7	1	1	2
	2	2	4	2	—	2	2	2	4	4	—	2
Totals,	36	45	81	47	52	99	36	45	81	10	11	23
Unknown,	11	7	18	—	—	—	11	7	18	2	—	—
Totals,	47	52	99	47	52	99	47	52	99	12	11	23
Average of known cases (in months),	49.9	47.3	48.6	30.3	24.1	27.2	74.4	70.1	72.2	205.4	46.4	74.2

FIFTY-FIFTH ANNUAL REPORT
OF
THE TRUSTEES
OF THE
TAUNTON INSANE HOSPITAL,
FOR THE
YEAR ENDING NOVEMBER 30, 1908.



BOSTON:
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.
1909.

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Mass.: Taunton State Hospital



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THE STATE BOARD OF PUBLICATION.

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OFFICERS

OF THE

TAUNTON INSANE HOSPITAL.

TRUSTEES.

NATHANIEL B. BORDEN (<i>Chairman</i>), . . .	FALL RIVER.
JAMES P. FRANCIS,	NEW BEDFORD.
ELIZABETH C. M. GIFFORD (<i>Secretary</i>), . . .	BOSTON.
SUSAN E. LEAROYD,	WAKEFIELD.
LOYED E. CHAMBERLAIN,	BROCKTON.
HENRY R. STEDMAN, M.D.,	BROOKLINE.
WILLIAM C. LOVERING,	TAUNTON.

RESIDENT OFFICERS.

ARTHUR V. GOSS, M.D.,	<i>Superintendent.</i>
BENJAMIN W. BAKER, M.D.,	<i>Assistant Physician.</i>
HORACE G. RIPLEY, M.D.,	<i>Assistant Physician.</i>
GEORGE K. BUTTERFIELD, M.D.,	<i>Assistant Physician.</i>
DORA W. FAXON, M.D.,	<i>Assistant Physician.</i>
RAOUL G. PROVOST, M.D.,	<i>Interne.</i>
JOHN J. THOMPSON, M.D.,	<i>Interne.</i>
CHARLES G. McGAFFIN, M.D.,	<i>Interne.</i>
HARRIETTE M. SEAVER,	<i>Superintendent of Training School for Nurses.</i>
JAMES C. FLYNN,	<i>Engineer.</i>
OTIS E. WHITE,	<i>Steward.</i>
A. A. SOUTHWICK,	<i>Farmer.</i>
WILLIAM S. HILTZ,	<i>Farmer.</i>

TREASURER.

FRANK W. BOYNTON,	TAUNTON.
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Office at Hospital.

The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Taunton Insane Hospital have the honor to present the fifty-fifth annual report.

The daily average number in the hospital was 933.3.

During the year just closed, very little has been done besides the usual daily routine work of the hospital. Efforts are continually being made to have the patients engage in some kind of work. For several years a large part of the patients' wearing apparel has been made in the industrial building on the premises.

The herd of cows was tested last June, and 19 out of 69 were found to be infected with tuberculosis. The cattle will soon be tested again, and every effort will be made to root out the disease.

The time and wage scale for nurses, recommended in last year's report, has been put into operation and is very satisfactory.

Mr. A. A. Southwick, farmer for many years, and Mr. Everett H. Leonard, farmer at the Raynham farm, have both resigned. Mr. William S. Hiltz, who was Mr. Leonard's assistant, has been promoted, and will have charge of both farms. It is the opinion of the trustees that one man in charge of all the farm work will not only be more economical, but much more satisfactory.

Dr. Florence H. Abbot resigned in June, and Dr. Dora W. Faxon was promoted to her place. The housekeeper, Mrs. Godding, has been succeeded by Miss Emma Burwell. Dr. John J. Thompson of Toronto, Can., and Dr. Charles G. Mc-

Gaffin of Cohoes, N. Y., were appointed internes last spring, and are rendering efficient and satisfactory service.

Dr. John P. Brown, superintendent of the hospital from 1878 to 1906, when failing health and advancing years forced him to resign, died Sept. 19, 1908. During his administration of the hospital he showed marked ability, and his amiable disposition, together with his education and early training, made him especially adapted to the care of the insane. He ranked among the first in his profession, and was held in high esteem by the trustees.

Mrs. Ruth S. Murray, a former trustee, died on Oct. 22, 1908. She was one of the two ladies first appointed members of the Board of Trustees. Her great devotion to the work which she found to do at the hospital, and her personal interest in the patients, made her services to the hospital an enduring memory, not only to the patients but to all connected with the institution.

The sewage from the hospital has always been discharged into Mill River, at a point about 1,750 feet from the hospital. Of late years this disposition of it has been unsatisfactory, and the trustees desire, on recommendation of the State Board of Health, to connect the sewer system of the hospital with the Taunton city sewers. The trustees will, therefore, ask for \$6,800 to do this work.

The effective work which Dr. Goss and his corps of assistants have done in caring for the patients, and the efforts which they have made to amuse and interest them with picnics, athletic contests, dances and lectures, and in other ways, are appreciated by the trustees.

Respectfully submitted,

NATHL. B. BORDEN.

JAMES P. FRANCIS.

ELIZABETH C. M. GIFFORD.

SUSAN E. LEAROYD.

HENRY R. STEDMAN.

LOYED E. CHAMBERLAIN.

WILLIAM C. LOVERING.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton Insane Hospital.

In compliance with the by-laws of your Board I present to you the fifty-fifth annual report of the superintendent, for the year ending Nov. 30, 1908.

At the beginning of the year there were in the hospital 914 patients, — 490 men and 424 women. There were admitted within the year 550, — 311 men and 239 women; 253 men and 184 women by commitment, 6 men and 12 women by transfer, and 44 men and 37 women nominally admitted for discharge, making the whole number under treatment 1,464, which is 56 less than were under treatment the previous year.

There were dismissed during the year 562 patients, — 307 men and 255 women, — as follows: 49 were discharged as recovered, 39 as capable of self-support, 62 as improved, 23 as not improved, 1 as not insane, 132 died, 177 were transferred, 2 of those who escaped were still at large, and 77 were out on visit at the close of the statistical year. Of the 562 cases dismissed, 9 women were under commitment as dipsomaniacs or inebriates; of these, 3 were discharged as capable of self-support, and 6 were out on visit October 1. The daily average number was 933.3, which is 9.9 less than the previous year. Of those discharged recovered, 3 had been insane less than one month, 19 less than 12 months, and the whole duration of insanity in 42 per cent. of those who recovered did not exceed one year.

The transfers by the State Board of Insanity were as follows: 91 were transferred to the Medfield Insane Asylum, 48 to the State Colony at Gardner, 23 to the Worcester Insane Asylum, 4 to the State Asylum for Insane Criminals at the State Farm, 1 to the Foxborough State Hospital, 1 to the insane wards, State Hospital, Tewksbury, 7 to family care; 12 were removed from the State, having no settlement in the

State, and 17 were deported by the Commissioners of Immigration.

The number of recoveries was 6 more than last year. The percentage of recoveries calculated on the admissions was 9.09; calculated on the discharges it was 10.3.

One hundred and thirty-two patients died during the year, 9 more than last year. Six died of general paralysis, while 13 general paralytics died from other causes, 1 of organic brain disease, 8 of some form of tuberculosis, 8 of cerebral hemorrhage, and 18 of some form of chronic disease of the heart and arteries. Of those dying of acute disorders, 21 died of some form of pneumonia, 19 of acute gastric and intestinal disorders, 2 of acute delirium, 1 of strangulation by food while eating, and 1 by suicide by hanging. The percentage of deaths calculated on the daily average number of patients was 14+; calculated on the whole number under treatment 9+.

There were 11 cases of malaria, 3 primary and 8 secondary, 2 more than last year. In fact, at present we have too few cases of malaria to warrant special note, which is in striking contrast to conditions prevailing ten years ago. There were 25 cases of pneumonia, of which 22 died. These were for the most part terminal cases, occurring in old and enfeebled patients. As usual, we had many cases of acute enteric disorders during the spring and summer months, 102 in all, — 45 men and 57 women. Twenty-two of these cases were dysenteric in character. Of these 102 cases, 19 — 11 men and 8 women — died.

Cases of tuberculosis at present showing active symptoms are 9 in number, — 5 men and 4 women. As our number of cases of acute tuberculosis has been unusually small for several years, we made a careful physical examination of all our patients during the past summer. We detected in 84 — 58 men and 26 women — symptoms that might be caused by tubercular lesions. Regarding all these cases as tuberculous, the percentage of tubercular patients calculated on our daily average number for the year would be 8.9.

Six patients escaped during the year, 4 of whom were returned. Six hundred and seventy-four patients — 458 men and 216 women — have been employed on the wards and in

the various departments of the hospital, an increase of 131 over last year. Of these, 272 have been employed on the wards and 402 outside. One hundred and ninety-two patients — 162 men and 30 women — have had parole of the grounds.

We have long felt that patients out on trial visit ought to be under some supervision during the trial period. No provision has been made for this by statute, however, and in consequence patients on trial visit are under no supervision, and at the expiration of the period of trial are discharged as a matter of course, irrespective of their mental condition. For some years we have written letters of inquiry to the relatives and friends of each patient out on trial visit about two weeks before the expiration of the period of trial. The information that we have received has not as a rule been considerable, and in the majority of cases of little or no value. During the past year we permitted quite a number of patients to go on trial visit on condition that they reported in person at the hospital once a month during the period of trial. While our experience as yet has not been sufficient to draw any definite conclusions, we have, nevertheless, been thus far pleased with the result of the experiment. A small minority violated their agreement, but the majority reported regularly. In some cases we were able to give helpful advice, and in many we were pleased to observe that they looked to the hospital for help rather than as a place to be shunned.

Seven patients — 4 men and 3 women — were received by voluntary commitment. In all probability the number of voluntary commitments will increase, as many patients desire treatment who shrink from a formal commitment.

Dr. Curtis W. Farrington of Boston, who for the past three years has done the dental work of the hospital in a most satisfactory manner, has been obliged to give up the work on account of increased practice, Dr. Everett M. Brown succeeding him.

Nine pupils — 2 men and 7 women — graduated from the training school in June. The graduating exercises were well attended. The address to the graduating class was delivered by Dr. Henry R. Stedman, and the diplomas were presented by Mrs. Susan E. Learoyd, both members of your Board. The

school now has 47 pupils, — 11 men and 36 women, — an increase of 12 over last year.

Although no large work in repairs or improvements has been undertaken, it has, nevertheless, been a busy year apart from the routine repairs. A new floor has been laid in the brick cow barn; the old barn on the Leonard estate has been repaired and fitted to care for young cattle; the horse stable is now undergoing repairs.

A potato peeler and bread mixer, operated by electric motors, have been installed and are in successful operation. Early in the year the vertical water heater that had been in use since 1890 failed completely. Our engineer built a horizontal water heater, 10 feet in length by 5 feet in diameter, that has been satisfactory up to date, at a total expense of \$551.30. The steel shell we had made by the Hodge Boiler Works, Boston, Mass.

Last spring the farmer's cottage became vacant. It was wired for electric light and fitted up for female patients. It cares for 14 paroled patients very comfortably, and is a valuable adjunct to the wards.

Our method of sewage disposal has been very unsatisfactory for many years. The State Board of Health advises us to change our present system of sewage disposal by connecting with the sewer system of the city of Taunton. I would therefore recommend that a special appropriation of \$6,800 be asked for for that purpose.

Our struggle against bovine tuberculosis continues. Last June 19 out of 69 reacted to the tuberculin test. Of these, 3 were yearling heifers. They, however, were raised before the herd was tested.

Beginning with March the time and wage scale for nurses, recommended in last year's report, was put in operation. It has been successful, and gives satisfaction to all concerned.

The per capita cost of maintenance is \$4.71.

Special attention has been given to providing wholesome entertainment for our patients. The regular stereopticon lectures were delivered by Drs. Abbot, Baker, Goss, Provost and Ripley and Mr. White, steward. The dances were keenly enjoyed, both by participants and non-participants. Besides the regular dances for patients the season closed with a special

dance for employees, and in addition a special dance was given to the graduating class of the training school for nurses.

The Creole Belles, a local organization of young ladies, gave a most excellent minstrel show. Thanksgiving, Christmas and July 4 were observed in the usual manner. During the summer six picnics instead of three were given in the grove.

As our patients enjoy our national game more than any other form of summer amusement, two teams were organized from officers, employees and patients. It was the original intention to play only among ourselves, but we soon had requests for games from local teams. A team was, therefore, organized from the united teams that played ten games with visiting teams, winning seven and losing three. The patients took great interest in the games, and they were the chief topic of conversation on the wards during the summer.

The work of the pathological laboratory for the period ending Nov. 30, 1908, has been as follows:—

There were 16 autopsies: males, 8; females, 8. Mental diseases coming to autopsy are as follows:—

General paralysis (1 case infantile paralysis),	2	Imbecility,	1
Acute delirium,	3	Involution melancholia,	1
Senile dementia,.	3	Manic-depressive insanity, . . .	1
Dementia præcox,	1	Locomotor ataxia (admitted as paresis),	1
Organic brain disease (cerebral tumor),	1	Not insane,	1
Paranoid condition,	1		
		Total,	16

Causes of death in cases coming to autopsy are as follows:—

Organic brain disease (cerebral tumor) and chronic gastritis,	1	Chronic cystitis and locomotor ataxia,	1
Arterio sclerosis,	1	Strangulation with food,	1
Coronary embolism and arterio-sclerosis,	1	Aortic regurgitation,	1
Chronic nephritis and arterio-sclerosis,	1	Acute gastroenteritis,	1
Acute nephritis,	1	Acute septic peritonitis and chronic ulcerative colitis, . . .	1
Broncho-pneumonia,	3	Carcinoma of liver,	1
Lobar-pneumonia and acute miliary tuberculosis,	1	Ruptured aortic aneurysm,	1
		Total,	16

The cases of special note were those of infantile general paralysis, ruptured aortic aneurysm and cerebral tumor.

The general clinical laboratory work has, as usual, included urinalysis, examinations of sputum for pneumococci and tubercle bacilli, examinations of pus smears for gonococci, of gastric contents, effusions, blood counts, and examinations for plasmodium malariae.

In connection with the tuberculin tests of the hospital cows we have examined tissues of cows after slaughter, have stained for the detection of tubercle bacilli in milk and fæces, in exudates from tissues, and in pus from abscess cavities. Cultures were made of deposits from milk and fæces, but proved unsatisfactory, as did inoculation of guinea pigs with the same materials.

Periodicals and papers were given by Dr. Henry R. Stedman of Brookline, Rev. James Coyle, Mrs. H. A. Colby and Miss Barbara Rice of Taunton, and periodicals and books by Mr. C. V. Ballard of Taunton. "The New Bedford Daily Mercury" and the "Old Colony Memorial" continue to be received free of charge.

Mrs. Sophronia H. Godding, housekeeper, resigned last May, after many years of faithful service. She was succeeded by Miss Emma C. Burwell of Providence, R. I. Everett H. Leonard, farmer at the Raynham farm, whose leave of absence was recorded in last year's report, resigned, as his health did not warrant him again assuming the responsibilities of the position. His place has been filled by Mr. William S. Hiltz, who was foreman under Mr. Leonard for several years. Dr. Florence H. Abbot resigned in June, to accept a similar position in the Worcester Insane Hospital. She was a faithful and conscientious officer. Her position has been filled by the promotion of Dr. Dora W. Faxon. Mr. A. A. Southwick, farmer for twenty-one years, resigned his position, and at the end of the present hospital year retired to private life. He has been a faithful servant of the hospital and devoted to his work. Mr. William S. Hiltz, who has successfully carried on the Raynham farm since Mr. Leonard's departure, has been appointed farmer. He will direct the management of both farms.

Dr. John J. Thompson of Toronto, Can., and Dr. Charles G. McGaffin of Cohoes, N. Y., were appointed internes last spring, and are discharging their duties satisfactorily.

Mrs. Ruth Murray, one of the two women trustees first appointed to your Board, died Oct. 22, 1908, at the home of her son in California. Mrs. Murray served as trustee conscientiously and devotedly for many years. Your former superintendent, Dr. Brown, esteemed her highly, both as friend and counsellor, and much regretted her retirement. But what she most prized was the affectionate regard and esteem of the patients, in whom she ever took the greatest interest. Several years have elapsed since her retirement, but her memory is still green, and patients who knew her often speak of her with affectionate regard.

Dr. John P. Brown, who resigned as superintendent Nov. 15, 1906, died at the home of his daughter in Springfield, Mass., Sept. 19, 1908. Our prayers for many years of rest and comfort for him were not granted. His life's work was done, and he welcomed his long rest, into which he sank quietly, as he had always wished. The Massachusetts Medical Society, the Board of Trustees and the medical staff of this hospital were represented at his funeral, and he was borne to his grave by four of his former assistants. Eulogy or epitaph is unnecessary; his works live after him and are both eulogy and epitaph.

Life's work well done,
Life's victory won,
Then cometh rest.

The medical staff and other hospital officials, the nurses and other employees have co-operated with the administration, and their help has been heartily appreciated.

Again I must thank your Board for your hearty support and co-operation. What progress we have made during the past year I hope is in the right direction, and we must all strive together to go forward.

ARTHUR V. GOSS,
Superintendent.

OFFICERS AND THEIR SALARIES.

ARTHUR V. GOSS, M.D., <i>Superintendent</i> ,	\$2,500 00
BENJAMIN W. BAKER, M.D., <i>Assistant Physician</i> , . .	1,600 00
HORACE G. RIPLEY, M.D., <i>Assistant Physician</i> , . .	1,100 00
GEORGE K. BUTTERFIELD, M.D., <i>Assistant Physician</i> , .	900 00
DORA W. FAXON, M.D., <i>Assistant Physician</i> ,	700 00
RAOUL G. PROVOST, M.D., <i>Interne</i> ,	500 00
JOHN J. THOMPSON, M.D., <i>Interne</i> ,	500 00
CHARLES G. MCGAFFIN, M.D., <i>Interne</i> ,	500 00
FRANK W. BOYNTON, <i>Treasurer</i> ,	1,200 00
OTIS E. WHITE, <i>Steward</i> ,	1,200 00
JAMES C. FLYNN, <i>Engineer</i> ,	1,200 00

VALUATION.

Nov. 30, 1908.

Land, 333 acres,	\$52,875 00	
Hospital buildings,	392,000 00	
Barns and stables,	51,100 00	
Boiler house buildings,	30,000 00	
Laundry building,	16,000 00	
Industrial building,	12,000 00	
Nurses' home buildings,	86,300 00	
Other buildings and wall,	22,200 00	
		<hr/> \$662,475 00
Live stock on the farms,	\$9,355 50	
Produce of the farms on hand,	4,617 38	
Carriages and agricultural implements,	8,175 75	
Other property of the farms,	565 00	
Machinery and mechanical fixtures,	47,585 00	
Beds and bedding in inmates' department,	32,959 14	
Other furniture in inmates' department,	16,914 26	
Personal property of the State in the superin-		
tendent's department,	20,268 67	
Dry goods and clothing,	5,277 37	
Provisions and groceries,	2,414 67	
Drugs and medicines,	600 00	
Fuel,	1,215 00	
Library,	2,000 00	
Other supplies undistributed,	2,407 57	
		<hr/> 154,355 31
		<hr/> \$816,830 31

TREASURER'S REPORT.

I respectfully submit the following report of the finances of the institution for the year ending Nov. 30, 1908, to the trustees:—

RECEIPTS.

Balance of receipts with the State Treasurer

Nov. 30, 1907,	\$32,124 04	
Maintenance appropriation for 1908,	196,725 96	
	<hr/>	\$228,850 00

To support of patients, viz.:—

From cities and towns,	\$97 03
From individuals,	21,811 64

Reimbursements, viz.:—

Received by Board of Insanity,	2,464 15	
Received at institution,	9,378 46	
	<hr/>	33,751 28

Rent,	\$135 00	
Board,	133 00	
Labor,	2 33	
Interest on deposits,	135 68	
Express charges refunded,	90	
Telephone charges refunded,	2 17	
	<hr/>	409 08

Sales, viz.:—

Foods,	\$5 70	
Clothing and clothing material,	507 52	
Furnishings,	7 06	
Heat, light and power,	15 00	
Farm, stable and grounds,	97 44	
Miscellaneous,	99 01	
	<hr/>	
Total sales,		731 73

Total receipts,	<hr/>	\$263,742 09
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PAYMENTS.

Total payments, as per detailed statement,	<hr/>	\$228,790 26
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Balance of maintenance appropriation revert-

ing to State treasury,	\$59 74	
Balance of receipts with State Treasurer,	34,892 09	
	<hr/>	\$34,951 83

EXPENDITURES.

Salaries, wages and labor:—

Medical officers, stenographers and druggist, .	\$9,963 48	
General administration,	29,394 03	
Ward service (male),	19,685 45	
Ward service (female),	18,929 57	
Farm, stable and grounds,	8,170 56	
	<hr/>	\$86,143 09

Food:—

Butter,	\$8,021 69	
Butterine,	2,640 64	
Beans,	398 65	
Bread and crackers,	700 86	
Cereals, rice, meal, etc.,	1,551 34	
Cheese,	92 05	
Eggs,	3,861 12	
Flour,	7,940 96	
Fish,	2,530 98	
Fruit (dried and fresh),	3,598 68	
Meats,	11,146 44	
Milk,	4,590 26	
Molasses and syrup,	302 55	
Sugar,	2,826 07	
Tea, coffee, broma and cocoa,	2,233 29	
Vegetables,	4,565 09	
Lard,	971 82	
Sundries,	2,538 29	
	<hr/>	60,510 78

Clothing and clothing material:—

Boots, shoes and rubbers,	\$464 72	
Clothing,	2,154 85	
Dry goods for clothing, and small wares, .	957 22	
Furnishing goods,	1,273 16	
Hats and caps,	173 82	
Leather and shoe findings,	692 59	
Sundries,	417 96	
	<hr/>	6,134 32

Furnishings:—

Beds, bedding, table linen, etc.,	\$7,063 89	
Brushes, brooms, etc.,	380 53	
Carpets, rugs, etc.,	733 54	
Crockery, glassware, cutlery, etc.,	1,108 99	
Furniture and upholstery,	542 63	

Amounts carried forward, \$9,829 58 \$152,788 19

<i>Amounts brought forward,</i>		\$9,829 58	\$152,788 19
Kitchen furnishings,		300 33	
Wooden ware, buckets, pails, etc.,		83 90	
Sundries,		785 51	
			10,999 32
Heat, light and power: —			
Coal,		\$16,716 82	
Gas,		808 23	
Oil,		374 72	
Sundries,		73 83	
			17,973 60
Repairs and improvements: —			
Brick,		\$82 55	
Cement, lime and plaster,		68 45	
Electrical work and supplies,		957 75	
Hardware,		393 77	
Lumber,		1,287 93	
Machinery, etc.,		654 27	
Paints, oil, glass, etc.,		1,059 37	
Plumbing, steam fitting and supplies,		1,107 56	
Roofing and materials,		42 42	
Mechanics and laborers (not on pay roll),		6,693 19	
Sundries,		1,492 53	
			13,839 79
Farm, stable and grounds: —			
Blacksmith and supplies,		\$528 66	
Carriages, wagons and repairs,		903 78	
Fertilizers, vines, seeds, etc.,		1,134 27	
Hay,		965 72	
Grain,		6,150 94	
Harness and repairs,		136 81	
Horses,		281 40	
Cows,		2,725 00	
Other live stock,		270 00	
Labor (not on pay roll),		303 00	
Rent,		20 00	
Tools, farm machines, etc.,		214 56	
Sundries,		860 08	
			14,494 22
Miscellaneous: —			
Books, periodicals, etc.,		\$620 22	
Chapel services and entertainments,		1,168 03	
Freight, expressage and transportation,		1,327 18	
Funeral expenses,		208 05	
<i>Amounts carried forward,</i>		\$3,323 48	\$210,095 12

<i>Amounts brought forward,</i>	\$3,323 48	\$210,095 12
Hose, etc.,	76 72	
Labor (not on pay roll),	283 21	
Medicines and hospital supplies,	2,179 21	
Medical attendance, nurses, etc. (extra),	130 00	
Postage,	403 95	
Printing and printing supplies,	715 42	
Printing annual report,	166 08	
Return of runaways,	64 65	
Soap and laundry supplies,	2,063 39	
Stationery and office supplies,	661 08	
Travel and expenses (officials),	641 41	
Telephone and telegraph,	734 03	
Tobacco,	811 25	
Water,	4,229 07	
Laboratory supplies,	25 92	
Sundries,	2,186 27	
	<hr/>	18,695 14
Total expenditures,		\$228,790 26
Dividing this sum by 932.5, the average number of patients,		
we have the annual cost of each patient,		\$245 35
And the average weekly cost of		\$4 71

FINANCIAL STATEMENT.

The following is a statement of the appropriation made by the Legislature of 1906 for completing the electric lighting and cold-storage plants, for an addition to the steam-heating plant and for general repairs and for painting: —

Amount of appropriation,	\$15,000 00
Drawn to Nov. 30, 1907,	\$13,479 35
Since drawn to date, viz.: —	
Addition to steam-heating plant and general repairs,	1,258 14
	<hr/>
	14,737 49
Balance of appropriation,	\$262 51

FRANK W. BOYNTON,

Treasurer.

TAUNTON, MASS., Nov. 30, 1908.

HOME FARM PRODUCE.

VALUE OF FARM PRODUCE FROM DEC. 1, 1907, TO DEC. 1, 1908.

94,380 $\frac{1}{4}$	quarts milk,	\$4,719 03
44 $\frac{1}{36}$	boxes asparagus,	132 08
51	bushels shelled beans,	63 75
74	bushels string beans,	92 50
18	bushels lima beans,	27 00
233	bushels beets,	116 50
5	bushels beet greens,	1 75
16,570	heads cabbage,	828 50
102	bushels carrots,	51 00
8	boxes cauliflower,	8 00
143	boxes celery,	121 55
10	boxes chard,	3 50
159	bushels corn,	119 25
54 $\frac{1}{2}$	boxes cucumbers,	81 75
1	barrel egg plant,	2 00
13	bushels kale,	3 90
290 $\frac{2}{3}$	boxes lettuce,	174 40
3	boxes leeks,	1 05
25	bunches mint,	2 50
8	bushels onions,	6 80
92	bushels parsnips,	69 00
11	bushels parsley,	5 50
71	bushels peas,	71 00
36	bushels peppers,	27 00
1,200	pounds pumpkins,	36 00
206 $\frac{1}{2}$	dozen bunches radishes,	82 46
4,550	pounds rhubarb,	91 00
238	bushels spinach,	95 20
1	barrel summer squash,	1 00
16	barrels squash,	24 00
237	bushels tomatoes,	177 75
32	bushels green tomatoes,	16 00
2	barrels turnips,	2 00
26 $\frac{1}{3}$	barrels apples,	79 00
23	quarts currants,	2 53

74	quarts gooseberries,	.	.	.	.	.	.	.	\$8 14
24	quarts raspberries,	.	.	.	.	.	.	.	2 40
70	quarts strawberries,	.	.	.	.	.	.	.	5 60
4,436	pounds beef, .	.	.	.	.	.	.	.	386 84
25,875	pounds pork, .	.	.	.	.	.	.	.	2,070 00
67 $\frac{4}{5}$	tons hay, .	.	.	.	.	.	.	.	1,074 56
125 $\frac{57}{100}$	tons ensilage,	.	.	.	.	.	.	.	625 71
	After feed, .	.	.	.	.	.	.	.	146 49
3	pigs, .	.	.	.	.	.	.	.	33 00
1	calf, .	.	.	.	.	.	.	.	2 00
431	pounds hides, .	.	.	.	.	.	.	.	34 48
226	pounds tallow, .	.	.	.	.	.	.	.	6 78

\$11,732 25

RAYNHAM FARM PRODUCE.

VALUE OF RAYNHAM FARM PRODUCE FROM DEC. 1, 1907, TO DEC. 1, 1908.

101,969	quarts milk,	.	.	.	.	.	.	\$5,098	45
825 $\frac{3}{4}$	dozen eggs,	.	.	.	.	.	.	289	01
1 $\frac{1}{6}$	boxes asparagus,	.	.	.	.	.	.	3	50
10	bushels shelled beans,	.	.	.	.	.	.	12	50
10 $\frac{1}{2}$	bushels string beans,	.	.	.	.	.	.	13	13
7	bushels wax beans,	.	.	.	.	.	.	8	75
63	bushels beets,	.	.	.	.	.	.	31	50
3,232	heads cabbage,	.	.	.	.	.	.	161	60
26 $\frac{3}{4}$	bushels carrots,	.	.	.	.	.	.	13	38
3 $\frac{1}{3}$	boxes celery,	.	.	.	.	.	.	2	83
92	bushels corn,	.	.	.	.	.	.	69	00
12 $\frac{1}{2}$	boxes cucumbers,	.	.	.	.	.	.	18	75
14	pecks cucumber pickles,	.	.	.	.	.	.	5	60
7 $\frac{1}{2}$	boxes lettuce,	.	.	.	.	.	.	4	50
52 $\frac{1}{2}$	bushels onions,	.	.	.	.	.	.	44	63
21	bushels parsnips,	.	.	.	.	.	.	15	75
30	bushels peas,	.	.	.	.	.	.	30	00
273 $\frac{1}{2}$	bushels potatoes,	.	.	.	.	.	.	218	80
500	pounds pumpkins,	.	.	.	.	.	.	15	00
8 $\frac{1}{2}$	dozen bunches radishes,	.	.	.	.	.	.	3	40
125	pounds rhubarb,	.	.	.	.	.	.	2	50
5	bushels spinach,	.	.	.	.	.	.	2	00
31	barrels squash,	.	.	.	.	.	.	46	50
17	bushels tomatoes,	.	.	.	.	.	.	12	75
6	bushels green tomatoes,	.	.	.	.	.	.	3	00
82 $\frac{5}{8}$	barrels turnips,	.	.	.	.	.	.	82	83
35	watermelons,	.	.	.	.	.	.	5	25
11 $\frac{1}{2}$	barrels apples,	.	.	.	.	.	.	34	50
8 $\frac{1}{2}$	bushels pears,	.	.	.	.	.	.	8	50
2,619	quarts strawberries,	.	.	.	.	.	.	209	52
42	pounds grapes,	.	.	.	.	.	.	1	26
5,827	pounds beef,	.	.	.	.	.	.	407	89
1,463	pounds pork,	.	.	.	.	.	.	117	04
574 $\frac{1}{4}$	pounds chicken,	.	.	.	.	.	.	126	34
55 $\frac{1}{2}$	pounds ducks,	.	.	.	.	.	.	8	33

162	pounds fowl,	\$24 30
92 $\frac{1}{4}$	tons hay,	1,476 00
112 $\frac{1}{4}$	tons ensilage,	561 25
9 $\frac{1}{2}$	tons winter rye,	47 50
3	tons grass,	15 00
6	tons rye straw,	120 00
46 $\frac{158}{200}$	tons fodder corn,	233 82
$\frac{1}{2}$	ton rowen,	6 00
35	bushels mangel wurzel,	8 75
2,607	feet lumber,	65 17
50	cords wood,	225 00
24	calves,	54 00
	Hides, tallow, junk, etc.,	84 02
		<hr/>
		\$10,049 10

WORK DONE IN THE SEWING ROOM

FROM DEC. 1, 1907, TO DEC. 1, 1908.

14 wrappers.	3 mattress ticks bound.
13 dresses.	17 attendant's laundry bags.
5 chapel dresses.	15 hall laundry bags.
4 strong gingham dresses.	24 laundry bag strings.
3 shirt waist suits.	2 sand bags.
14 strong dresses.	146 white aprons.
13 duck camisoles.	274 nurses' aprons.
2 dresses repaired.	48 nurses' bibs.
31 pairs women's flannel drawers.	729 nurses' caps.
23 chair covers.	8 skull caps.
11 hassock ticks.	328 white bibs.
6 hall cushion covers.	6 strong shirts.
7 milk strainers.	51 men's drawers.
6 coffee strainers.	744 bath towels.
14 table covers.	191 attendants' towels.
34 table napkins.	158 single roller towels.
10 blankets bound.	64 double roller towels.
55 rugs bound.	652 pillow slips.
59 bread covers.	14 officers' slips.
64 kitchen aprons.	150 draw sheets.
60 kitchen holders.	223 hall sheets.
78 men's neckties.	269 night shirts.
7 leather cushion covers.	59 table cloths.
1 marking pad.	9 dust cloths.
2 flannel stockings.	29 dish cloths.
3 pairs stockings made over.	36 white skirts.
138 long night dresses.	91 flannel skirts.
111 short night dresses.	24 gingham skirts.
6 flannel night dresses.	18 hats trimmed.
122 white curtains.	4 dress skirts.
216 sash curtains.	2 shirt waist suits repaired.
62 mattress ticks.	3 dress belts.
40 pillow ticks.	4 strong skirts.
11 hay beds.	2 shirt waists.

MENDING DONE IN THE SEWING ROOM

FROM DEC. 1, 1907, TO DEC. 1, 1908.

8 pairs pants.	86 hall laundry bags.
1,283 pairs drawers.	27 attendants' laundry bags.
76 pairs overalls.	349 hay beds.
4,428 pairs stockings.	41 ticking aprons.
181 white shirts.	6 strong dresses.
1,906 colored shirts.	919 pillow ticks.
598 under shirts.	73 spreads.
719 night shirts.	54 camisoles.
336 summer coats.	3 carpets.
4 coats.	3 strong gingham dresses.
3 combination suits.	55 kitchen aprons.
5 jumpers.	10 curtains.
18 bibs.	

WORK DONE ON THE WARDS

FROM DEC. 1, 1907, TO DEC. 1, 1908.

72 attendants' sheets.	25 commode covers.
1,776 hall sheets.	21 tidies.
257 draw sheets.	111 bread covers.
14 officers' pillow slips.	36 dish cloths.
2,118 pillow slips.	11 milk strainers.
1,955 single roller towels.	43 kitchen holders.
315 double roller towels.	166 kitchen aprons.
3,257 linen towels.	239 gingham aprons.
3,315 bath towels.	68 outing flannel skirts.
341 glass towels.	36 gingham skirts.
711 table napkins.	122 sick cloths.
227 table cloths.	87 attendants' laundry bags.
108 tray cloths.	9 rugs hemmed.
89 stand covers.	696 bibs.
175 bureau covers.	361 men's suspenders.

WORK DONE IN THE UPHOLSTERING DE-
PARTMENT OF THE INDUSTRIAL
BUILDING

FROM DEC. 1, 1907, TO DEC. 1, 1908.

538 mattresses made.	15 chair cushions upholstered.
621 pillows made.	7 hassocks upholstered.
2 sofas upholstered.	3 parlor chairs repaired.
3 lounges upholstered.	1 rocking chair repaired.
2 couches upholstered.	2 easy chairs repaired.
15 easy chairs upholstered.	2,159 pounds curled hair hand
5 rocking chairs upholstered.	picked.

WORK DONE IN SHOE AND REPAIR SHOP

FROM DEC. 1, 1907, TO DEC. 1, 1908.

75 pairs men's pants made.	42 men's overcoats repaired and pressed.
96 pairs men's overalls made.	85 men's camisoles repaired.
98 men's jumpers made.	69 blankets repaired.
58 men's shirts made.	47 carpets repaired.
8 men's camisoles made.	6 pairs suspenders repaired.
21 pairs men's canvas mittens made.	400 pairs men's shoes repaired.
18 pairs men's cloth mittens made.	257 pairs women's shoes repaired.
69 door mats made.	42 pairs women's slippers repaired.
6 pairs knee pads made.	39 pairs men's slippers repaired.
14 pairs straps made.	42 pairs men's rubber boots repaired.
142 pairs men's shoes made.	245 pairs rubber heels put on shoes.
287 pairs men's slippers made.	41 chairs caned.
26 pairs men's brogans made.	13 chairs basket bottomed.
63 pairs women's shoes made.	8 chairs wood bottomed.
74 pairs women's slippers made.	397 chairs scraped and varnished.
660 men's coats repaired and pressed.	10 bureaus painted and varnished.
1,783 men's pants repaired and pressed.	8 tables painted and varnished.
543 men's vests repaired and pressed.	14 settees painted and varnished.
168 men's suits repaired and pressed.	14 rubber cushions repaired.

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

I.—General Statistics of the Year.

	INSANE.			NOT INSANE.			DIPSOMANIAC OR INEBRIATE.			AGGREGATES.		
	Males.	Fe- males.	Totals.	Males.	Fe- males.	Totals.	Males.	Fe- males.	Totals.	Males.	Fe- males.	Totals.
Patients in hospital Oct. 1, 1907,	490	420	910	—	—	—	—	—	—	490	424	914
Admitted within the year,	310	230	540	—	—	—	—	—	—	311	239	550
Viz.: by commitment,	252	176	428	1	1	2	—	—	—	253	184	437
by transfer,	6	12	18	—	—	—	—	—	—	6	12	18
from escape,	1	—	1	—	—	—	—	—	—	1	—	1
from visit, ¹	51	42	93	—	—	—	—	—	—	51	43	94
Whole number of cases within the year,	800	650	1,450	1	1	2	—	—	—	801	663	1,464
Dismissed within the year,	306	246	552	1	—	1	—	—	—	307	255	562
Viz.: discharged,	97	73	170	1	—	1	—	—	—	98	76	174
as recovered at time of leaving the hospital,	24	25	49	—	—	—	—	—	—	24	25	49
as capable of self-support,	30	6	36	—	—	—	—	—	—	30	9	39
as improved,	32	30	62	—	—	—	—	—	—	32	30	62
as not improved,	11	12	23	—	—	—	—	—	—	11	12	23
as not in-ane,	—	—	—	1	—	1	—	—	—	1	—	1
died,	76	56	132	—	—	—	—	—	—	76	56	132
transferred,	94	83	177	—	—	—	—	—	—	94	83	177
escaped,	2	—	2	—	—	—	—	—	—	2	—	2
on visit October 1,	37	34	71	—	—	—	—	—	—	37	40	77
Patients remaining Sept. 30, 1908,	494	404	898	—	—	—	—	—	—	494	408	902
Viz.: supported as State patients,	428	306	734	—	1	1	—	—	—	428	310	738
as private patients,	34	58	92	—	1	1	—	—	—	34	58	92
as reimbursing patients,	32	40	72	—	—	—	—	—	—	32	40	72
Number of different persons within the year,	754	612	1,366	1	1	2	—	—	—	755	624	1,379
Number of persons admitted,	265	193	458	1	1	2	—	—	—	266	201	467
Number of different persons admitted by commitment,	252	175	427	1	1	2	—	—	—	253	183	436
Number of different persons dismissed,	262	209	471	1	1	2	—	—	—	263	218	481
Number of persons recovered,	24	25	49	—	—	—	—	—	—	24	25	49
Number of persons discharged, capable of self-support,	30	6	36	—	—	—	—	—	—	30	9	39
Daily average number of patients,	509.1	419.4	928.5	.04	.07	.11	—	—	—	509.14	424.17	933.31
Viz.: State patients,	449.22	325.75	774.97	.04	.07	.11	—	—	—	449.26	329.22	778.48
private patients,	30.2	56.2	86.5	—	—	—	—	—	—	30.2	57.5	87.7
reimbursing patients,	29.68	37.45	67.13	—	—	—	—	—	—	29.68	37.45	67.13
Nominally admitted for discharge,	44	36	80	—	—	—	—	—	—	44	37	81

¹ Nominally admitted for discharge.

2. — *Insane received on First and Subsequent Commitments.*

NUMBER OF THE ADMISSION.	CASES COMMITTED.		
	Males.	Females.	Totals.
First to this hospital,	220	152	372
Second to this hospital,	22	20	42
Third to this hospital,	3	2	5
Fourth to this hospital,	4	2	6
Fifth to this hospital,	1	—	1
Sixth to this hospital,	1	—	1
Seventh to this hospital,	1	—	1
Total cases,	252	176	428
Total persons,	249	173	422
Never before in any hospital for the insane, .	206	136	342

3. — *Nativity and Parentage of Insane Persons first admitted to Any Hospital.*

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts,	73	37	36	47	22	23	120	59	59
Other New England States,	21	17	20	14	11	13	35	28	33
Other States,	4	2	6	3	2	2	7	4	8
Total native,	98	56	62	64	35	38	162	91	100
Other countries: —									
Austria,	1	1	1	1	1	1	2	2	2
Azores,	5	2	2	3	3	3	8	5	5
Bohemia,	1	1	1	—	—	—	1	1	1
Canada,	26	29	28	17	15	14	43	44	42
Cape Verde Islands,	3	6	5	1	1	1	4	7	6
Denmark,	1	1	1	—	—	—	1	1	1
England,	20	20	19	15	14	15	35	34	34
Finland,	1	1	1	3	3	1	4	4	2
France,	—	—	—	1	1	2	1	1	2
Germany,	2	2	2	—	—	—	2	2	2
Ireland,	20	45	45	17	34	33	37	79	78
Italy,	4	2	2	2	2	2	6	4	4
Norway,	1	3	3	—	—	—	1	3	3
Poland,	2	—	—	—	—	—	2	—	—
Portugal,	3	—	—	—	—	—	3	—	—
Russia,	8	5	5	3	3	3	11	8	8
Scotland,	2	5	3	2	3	5	4	8	8
South America,	—	1	—	—	—	—	—	1	—
Sweden,	2	1	2	2	2	2	4	3	4
Switzerland,	1	—	—	—	—	—	1	—	—
Turkey,	1	1	1	—	—	—	1	1	1
Wales,	—	—	1	—	—	—	—	—	1
Total foreign,	104	126	122	67	82	82	171	208	204
Unknown,	4	24	22	5	19	16	9	43	38
Totals,	206	206	206	136	136	136	342	342	342

4. — *Residence of Insane Persons admitted by Commitment.*

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable County, . . .	3	4	7	1	—	1	4	4	8
Bristol County, . . .	116	73	189	27	25	52	143	98	241
Middlesex County, . . .	—	2	2	—	—	—	—	2	2
Nantucket County, . . .	2	1	3	—	—	—	2	1	3
Norfolk County, . . .	19	12	31	8	6	14	27	18	45
Plymouth County, . . .	31	23	54	6	5	11	37	28	65
Suffolk County, . . .	35	19	54	4	4	8	39	23	62
Dukes County, . . .	—	2	2	—	—	—	—	2	2
Totals, . . .	206	136	342	46	40	86	252	176	428
Viz., cities or towns (10,000 or over), . . .	148	95	243	32	29	61	180	124	304
country districts (under 10,000), . . .	58	41	99	14	11	25	72	52	124

5. — *Civil Condition of Insane Persons first admitted to Any Hospital.*

	Males.	Females.	Totals.
Unmarried,	93	61	154
Married,	83	52	135
Widowed,	21	23	44
Divorced,	3	—	3
Totals,	200	136	336
Unknown,	6	—	6
Totals,	206	136	342

6. — *Occupations of Insane Persons first admitted to Any Hospital.*

MALES.

Advertising agent,	1	Mason,	1
Baker,	1	Merchants,	3
Bank clerk,	1	Mill operatives,	30
Barbers,	3	Moulders,	2
Blacksmiths,	2	Night watchman,	1
Bookkeeper,	1	No occupation,	21
Box maker,	1	Painters,	2
Butcher,	1	Photographer,	1
Carpenters,	6	Physicians,	2
Contractor and builder,	1	Plumber,	1
Expressman,	1	Policeman,	1
Express messenger,	1	Polisher,	1
Farmers,	6	Quarryman,	1
Firemen,	3	Rag picker,	1
Florist,	1	Salesmen,	6
Gardeners,	2	Seamen,	6
Gas fitter,	1	Shoe operatives,	13
Gilder,	1	Shipper,	1
Glazier,	1	Steam fitter,	1
Hack drivers,	2	Stone cutters,	3
Harness maker,	1	Tailors,	2
Horse dealer,	1	Teamsters,	3
Hostler,	1	Tinsmith,	1
Insurance agents,	2	Tool maker,	1
Jewelers,	3	Upholsterers,	2
Laborers,	38	Waiters,	4
Lineman,	1		
Longshoremen,	2	Total,	205
Loom fixer,	1	Unknown,	1
Lumber dealer,	1		
Machinists,	6	Total,	206

FEMALES.

Bookkeeper,	1	Masseuse,	1
Chocolate worker,	1	Mill operatives,	10
Cooks,	2	No occupation,	13
Domestics,	16	Nurses,	3
Dressmakers,	2	Salesgirl,	1
Hatter,	1	Shoe operatives,	3
Housekeepers,	6	Stenographer,	1
Housewives,	7	Straw operative,	1
Jewelers,	2	Teacher,	1
Laundresses,	2		

6. — *Occupations of Insane Persons first admitted, etc.* — Concluded.

WIFE OR DAUGHTER OF —

Architect,	1	Mill operatives,	2
Blacksmiths,	2	Minister,	1
Boat builder,	1	Nail cutter,	1
Carpenters,	3	Night watchman,	1
Commercial travelers,	2	Overseers in mill,	2
Cooper,	1	Painter,	1
Cotton miller,	1	Pedler,	1
Farmers,	7	Physician,	1
Furniture polisher,	1	Sailor,	1
Horse dealer,	1	Shoe operatives,	4
Junk dealer,	1	Silversmith,	1
Laborers,	11	Stone cutter,	1
Lawyer,	1	Railroad employees,	2
Lighthouse keeper,	1	Tailors,	3
Machinist,	1	Teamsters,	2
Mason,	1		
Merchants,	2	Total,	136

7. — *Ages of Insane at First Attack, Admission and Death.*

AGES.	FIRST ADMITTED TO ANY HOSPITAL.				DIED.							
	AT FIRST ATTACK.			WHEN ADMITTED.	AT FIRST ATTACK.			AT TIME OF DEATH.				
	Males.	Females.	Totals.		Males.	Females.	Totals.					
Congenital,	13	7	20	—	—	—	3	2	5	1	—	1
15 years and less,	2	4	6	—	—	—	1	2	3	—	—	—
From 15 to 20 years,	4	1	5	11	3	14	2	1	3	2	2	2
20 to 25 years,	12	13	25	13	16	29	1	—	1	—	—	1
25 to 30 years,	12	14	26	27	18	45	1	5	6	7	3	10
30 to 35 years,	13	6	19	25	13	38	5	2	7	4	1	5
35 to 40 years,	3	11	14	20	13	33	2	7	9	7	4	11
40 to 50 years,	20	13	33	40	25	65	8	3	11	6	5	11
50 to 60 years,	15	15	30	27	20	47	13	9	22	12	11	23
60 to 70 years,	10	9	19	23	11	34	9	7	16	18	11	29
70 to 80 years,	3	5	8	10	12	22	3	7	10	14	12	26
Over 80 years,	3	—	3	7	3	10	1	2	3	5	6	11
Totals,	110	98	208	203	134	337	49	47	96	75	55	130
Unknown,	96	38	134	3	2	5	27	9	36	1	1	2
Totals,	206	136	342	206	136	342	76	56	132	76	56	132
Mean known ages (in years),	33.6	37.1	35.4	43.0	43.7	43.4	46.1	50.5	48.3	41.6	58.5	49.6

8. Probable Causes of Mental Disease in Persons first admitted to Any Hospital — Concluded.

EXCITING CAUSES.			ADMITTED.			PREDISPOSING CAUSES					
			Males.	Females.	Totals.	HEREDITARY TENDENCY.			NEUROTIC TENDENCY.		
						Males.	Females.	Totals.	Males.	Females.	Totals.
Lobar-pneumonia,	.	.	2	9	2	1	1	1	1	1	1
Menopause, and ill health,	.	.	—	1	9	—	—	—	—	1	1
Morphinism,	.	.	—	1	1	—	—	—	—	—	—
Senility,	.	.	25	17	42	2	—	2	—	1	1
Syphilis,	.	.	4	3	7	1	—	1	—	—	—
Trauma,	.	.	5	1	6	1	—	1	—	—	—
<i>Mental.</i>											
Overstudy and ill health,	.	.	—	1	1	—	—	—	1	—	1
Overwork and domestic troubles,	.	.	—	2	2	—	—	—	—	—	—
Totals,	.	.	127	83	210	26	19	45	3	14	17
Unknown,	.	.	79	53	132	1	—	1	5	—	5
Totals,	.	.	206	136	342	27	19	46	8	14	22

9. — Probable Duration of Mental Disease before Admission.

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.		
	Males.	Females.	Totals.
Congenital,	13	7	20
Under 1 month,	11	10	21
From 1 to 3 months,	16	12	28
3 to 6 months,	22	9	31
6 to 12 months,	3	13	16
1 to 2 years,	13	12	25
2 to 5 years,	15	15	30
5 to 10 years,	8	11	19
10 to 20 years,	9	6	15
Over 20 years,	—	3	3
Totals,	110	98	208
Unknown,	96	38	134
Totals,	206	136	342
Average known duration (in years),	4.4	4.8	4.6

B. — Other admissions: —													
Imbecility,	2	2	2	2	2	2	2	2	2	2	2	2	2
Psychopathic inferiority,	2	2	2	2	2	2	2	2	2	2	2	2	2
Dementia præcox,	7	11	18	18	18	18	18	18	18	18	18	18	18
General paralysis,	1	1	3	3	3	3	3	3	3	3	3	3	3
Organic brain disease,	1	2	3	3	3	3	3	3	3	3	3	3	3
Involution psychosis,	2	3	3	3	3	3	3	3	3	3	3	3	3
Senile dementia,	18	14	32	2	2	2	2	2	2	2	2	2	2
Manic-depressive insanity,	3	1	4	4	4	4	4	4	4	4	4	4	4
Paranoia,	3	3	3	3	3	3	3	3	3	3	3	3	3
Paranoid condition,	2	1	3	3	3	3	3	3	3	3	3	3	3
Epileptic insanity,	2	1	3	3	3	3	3	3	3	3	3	3	3
Alcoholic insanity: —													
Acute,	2	1	3	2	1	3	2	1	3	2	1	3	2
Chronic,	2	2	4	4	2	2	2	2	2	2	2	2	2
Traumatic psychosis,	1	1	1	1	1	1	1	1	1	1	1	1	1
Korsakow's psychosis,	1	1	1	1	1	1	1	1	1	1	1	1	1
Toxic insanity: —													
Morphinism,	1	1	1	1	1	1	1	1	1	1	1	1	1
Undiagnosed,	1	2	3	3	3	3	3	3	3	3	3	3	3
Totals,	46	40	86	4	8	12	4	4	4	4	4	4	4
Aggregate cases,	252	176	428	24	25	49	30	6	36	36	36	36	36
Aggregate persons,	252	175	427	24	25	49	30	6	36	36	36	36	36

11. — Discharges of the Insane, classified by Admission and Result, and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, . . .	21	17	38	27	6	33	28	28	56	11	9	20	68	48	116	155	108	263
Second to this hospital, . . .	1	6	7	3	—	3	2	2	4	—	2	2	7	5	12	13	15	28
Third to this hospital, . . .	2	1	3	—	—	—	—	—	—	—	1	1	1	2	3	3	4	7
Fourth to this hospital, . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fifth to this hospital, . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1	1
Sixth to this hospital, . . .	—	1	1	—	—	—	1	—	1	—	—	—	—	—	—	1	1	2
Seventh to this hospital, . . .	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	1	—	1
Totals, . . .	24	25	49	30	6	36	32	30	62	11	12	23	76	56	132	173	129	302
First admitted to any hospital, . . .	20	17	37	26	6	32	23	25	48	7	6	13	65	48	113	141	102	243

12. — Cause of Death, and Form of Mental Disease in Persons who died — Continued.

CAUSE.	AGGREGATES.			IMBECILITY.			PSYCHOPATHIC INFERIORITY.			DEMENCIA PRÆCOX.			EPILEPTIC INSANITY.			PARANOID CONDITION.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Diseases of Nervous System — Concluded.</i>																		
Cerebral hemorrhage and organic brain disease,	1	1	2															
Cerebral hemorrhage and senile dementia,	—	3	3															
Cerebral thrombosis and dementia præcox,	—	1	1															
Cerebral tumor and chronic gastritis,	—	1	1															
Epileptic convulsions and epileptic insanity,	1	—	1										1		1			
General paralysis,	5	—	5															
General paralysis with convulsions,	1	1	2															
Meningitis, cerebral abscess and otitis media,	1	—	1	1		1												
Organic brain disease,	1	—	1															
<i>Diseases of Circulatory System.</i>																		
Aortic regurgitation and paranoid condition,	1	—	1													1		1
Arteriosclerosis and senile dementia,	1	5	6															
Coronary embolism and arteriosclerosis,	1	—	1															
Organic heart disease and dementia præcox,	—	1	1							1		1						
Organic heart disease and involution psychosis,	—	1	1															
Organic heart disease and manic-depressive insanity,	1	—	1															
Organic heart disease and senile dementia,	1	2	3															
Valvular heart disease and acute delirium,	—	1	1															
Valvular heart disease and senile dementia,	—	2	2															
Valvular heart disease, intestinal hemorrhage and organic brain disease,	—	1	1															
<i>Diseases of Respiratory System.</i>																		
Bronchopneumonia and acute delirium,	1	—	1															
Bronchopneumonia and arteriosclerosis,	1	—	1															
Bronchopneumonia and dementia præcox,	1	—	1															
Bronchopneumonia and general paralysis,	2	1	3							1		1						
Bronchopneumonia and manic-depressive insanity,	1	—	1															
Bronchopneumonia and senile dementia,	3	—	3															
Chronic bronchitis and senile dementia,	2	1	3															
Lobar-pneumonia and acute delirium,	1	—	1															
Lobar-pneumonia and dementia præcox,	—	1	1								1							

[illegible]

12. — Cause of Death, and Form of Mental Disease in Persons who died — Continued.

CAUSE.	ALCOHOLIC INSANITY.			GENERAL PARALYSIS.			INVOLUTION PSYCHOSIS.			SENILE DEMENTIA.			ORGANIC BRAIN DISEASE.			MANIC-DEPRESSIVE INSANITY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Diseases of Digestive System — Concluded.</i>																		
Acute gastroenteritis and imbecility,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute gastroenteritis and manic-depressive insanity,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute stomatitis and dementia præcox,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic enteritis and senile dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastritis, acute enterocolitis and senile dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastritis and dementia præcox,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastritis and general paralysis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastritis and manic-depressive insanity,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastroenteritis and dementia præcox,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastroenteritis and manic-depressive insanity,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteritis, septicæmia and organic brain disease,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gastroenteritis and dementia præcox,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gastroenteritis and involution psychosis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gastroenteritis and organic brain disease,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gastroenteritis and senile dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ileocolitis and general paralysis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ileocolitis and manic-depressive insanity,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ileocolitis and senile dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Intestinal obstruction and senile dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of Genito-urinary System.</i>																		
Acute nephritis and acute delirium,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholecystitis and senile dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic cystitis and locomotor ataxia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic nephritis, arteriosclerosis and senile dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic nephritis, enteroplosis and involution psychosis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Uterine fibroids and manic-depressive insanity,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Uterine fibroids and septicæmia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals,	4	—	4	14	5	19	1	5	6	22	23	45	4	4	8	7	3	10

Lobar-pneumonia and general paralysis.</
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13. — Duration of Mental Disease and its Treatment in Patients who recovered or died.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Recovered: —												
Under 1 month, .	1	2	3	1	—	1	—	—	—	—	—	—
From 1 to 3 months, .	2	5	7	11	6	17	3	1	—	2	1	3
3 to 6 months, .	1	2	3	7	6	13	—	4	1	—	1	1
6 to 12 months, .	2	—	2	1	3	4	3	4	1	—	1	1
1 to 2 years, .	1	1	2	—	1	1	1	1	3	1	3	4
2 to 5 years, .	2	1	3	—	1	1	2	1	1	—	1	1
5 to 10 years, .	2	4	6	—	—	—	2	4	2	1	1	2
10 to 20 years, .	1	—	1	—	—	—	1	—	—	—	—	—
Over 20 years; .	—	—	—	—	—	—	—	—	—	—	—	—
Totals, .	12	15	27	20	17	37	12	15	27	4	8	12
Unknown, .	8	2	10	—	—	—	8	2	10	—	—	—
Totals, .	20	17	37	20	17	37	20	17	37	4	8	12
Average of known cases (in months),	36.1	25.6	30.8	2.9	5.6	4.3	39.2	30.8	35.0	15.1	24.1	17.9

B. — Died: —

Under 1 month, . . .	3	1	4	18	7	25	2	—	—	—	—	1	—	1
From 1 to 3 months, . . .	4	4	8	8	7	15	—	—	—	—	—	1	—	1
3 to 6 months, . . .	3	2	5	10	6	16	3	1	—	—	—	—	1	1
6 to 12 months, . . .	5	5	10	11	10	21	4	4	—	—	—	2	1	3
1 to 2 years, . . .	6	10	16	8	5	13	5	7	—	2	2	2	1	3
2 to 5 years, . . .	9	8	17	4	8	12	12	11	2	1	3	2	1	3
5 to 10 years, . . .	9	3	12	5	2	7	12	5	2	—	2	1	2	3
10 to 20 years, . . .	1	3	4	1	3	4	3	7	2	—	2	1	1	2
Over 20 years, . . .	2	2	4	—	—	—	1	2	2	5	7	1	1	2
Totals, . . .	42	38	80	65	48	113	42	38	8	8	16	11	8	19
Unknown, . . .	23	10	33	—	—	—	23	10	3	—	3	—	—	—
Totals, . . .	65	48	113	65	48	113	65	48	11	8	19	11	8	19
Average of known cases (in months),	46.6	56.1	51.4	15.4	23.7	19.6	69.5	74.3	234.3	299.9	267.1	51.2	102.9	77.1

FIFTY-SIXTH ANNUAL REPORT
OF
THE TRUSTEES
OF THE
TAUNTON STATE HOSPITAL,
FOR THE
YEAR ENDING NOVEMBER 30, 1909.



BOSTON:
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.
1910.

FIFTY-SIXTH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

MASS. TAUNTON STATE HOSPITAL,

FOR THE

YEAR ENDING NOVEMBER 30, 1909.



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BOSTON:

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
18 POST OFFICE SQUARE.

1910.

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MADE BY THE STATE

NOV 30 1900

STATE HOUSE, BOSTON
Officers of Govt.

APPROVED BY
THE STATE BOARD OF PUBLICATION.

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STATE
ATTORNEY GENERAL

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OFFICERS

OF THE

TAUNTON STATE HOSPITAL.

TRUSTEES.

JAMES P. FRANCIS,	NEW BEDFORD.
ELIZABETH C. M. GIFFORD (<i>Secretary</i>),	BOSTON.
SUSAN E. LEAROYD,	WAKEFIELD.
LOYED E. CHAMBERLAIN,	BROCKTON.
HENRY R. STEDMAN, M.D. (<i>Chairman</i>),	BROOKLINE.
WILLIAM C. LOVERING,	TAUNTON.
SIMEON BORDEN,	FALL RIVER.

RESIDENT OFFICERS.

ARTHUR V. GOSS, M. D.,	<i>Superintendent.</i>
HORACE G. RIPLEY, M.D.,	<i>Assistant Physician.</i>
GEORGE K. BUTTERFIELD, M.D.,	<i>Assistant Physician.</i>
RAOUL G. PROVOST, M.D.,	<i>Assistant Physician.</i>
DORA W. FAXON, M.D.,	<i>Assistant Physician.</i>
CHARLES G. McGAFFIN, M.D.,	<i>Assistant Physician and Pathologist.</i>
JOHN J. THOMPSON, M.D.,	<i>Interne.</i>
FRED H. FREEMAN, M.D.,	<i>Interne.</i>
HARRIETTE M. SEAYER,	<i>Superintendent of Train- ing School for Nurses.</i>
JAMES C. FLYNN,	<i>Engineer.</i>
OTIS E. WHITE,	<i>Steward.</i>
WILLIAM S. HILTZ,	<i>Farmer.</i>

TREASURER.

FRANK W. BOYNTON,	TAUNTON.
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Office at Hospital.

The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Taunton State Hospital have the honor to submit the fifty-sixth annual report of this institution.

During the past year a total of 552 patients were admitted, of whom 283 were men and 269 women. The whole number under treatment was 1,454. Fifty-three were discharged as recovered and 28 others as capable of self-support; 59 were classed simply as improved and 32 as not improved; 115 died.

The per capita cost for maintenance was \$4.68 per week.

In our endeavor to make employment a prominent feature of the care of the patients, the number who have done some kind of daily work has been much increased this year, reaching the highest average in the history of the hospital. In a daily average of 966 inmates, 523 were regularly employed in some useful way, helpful alike to the patients and the hospital. Of this number, 145 were engaged in ward work, leaving 378, or 39 per cent. of the entire number of inmates, occupied in other than ward duties. The amount accomplished — articles of clothing made, etc. — was considerable, as is shown in the superintendent's report.

Two hundred and ten patients have enjoyed the liberty of the grounds unattended, with excellent results as regards their comfort, happiness and health and the general atmosphere of the institution.

The practice of requiring unrecovered patients who are discharged on a six months' trial to report each month in person,

before they are discharged or returned to the hospital, has worked well. It has not only met with little or no opposition, but the renewal of the old friendships which they made while in the hospital has been a pleasant experience to many of them.

The hospital has been far too long without adequate provision in the way of suitable modern appliances for the care and treatment of acute cases. Accordingly plans have been drawn and estimates made whereby an "acute ward" in each wing, equipped with all the apparatus needed for continuous baths and other hydrotherapeutic appliances, will be available for patients. Another feature of the plan is a much-needed ward for tuberculous patients, on the upper floor. For these purposes we shall require an appropriation from the Legislature of \$68,500.

Room is greatly needed for raising the necessary young stock to replenish our herd of cows. We have accordingly made plans and estimates for a cow barn and silo for 50 cows, to be built by our employees and patients. For this we ask an appropriation of \$4,000.

In excavating for the sewerage connection of the hospital with that of the city of Taunton, a ledge of rock was unexpectedly encountered. This obstacle was entirely unforeseen when the estimate for the work was made. A deficiency appropriation, the amount of which will be determined later, will be necessary to meet the increased cost of the work.

Especial attention has been given this year to increasing the means of diversion for the patients, as the superintendent's report will show.

It is with profound regret that we have to record the death of our respected chairman and friend, Nathaniel B. Borden. For eight years he had been a most faithful member of the Board. His painstaking and thorough investigation of the affairs of the institution as they came before us, his deep interest in its success and his sound advice were of great help in our direction of its affairs. The State has suffered a distinct loss by his death, and we, his associates, shall long miss his friendly presence and valuable counsel.

Dr. Benjamin W. Baker, our valued first assistant physician, has to our regret ended by resignation a long term of great usefulness to the hospital in order to engage in private practice.

The trustees desire to commend the efficient services of the medical staff and other officers of the hospital during the past year, and particularly the economical administration of its affairs by the superintendent.

Respectfully submitted,

HENRY R. STEDMAN.
JAMES P. FRANCIS.
ELIZABETH C. M. GIFFORD.
SUSAN E. LEAROYD.
LOYED E. CHAMBERLAIN.
WILLIAM C. LOVERING.
SIMEON BORDEN.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton State Hospital.

In compliance with the by-laws of your Board, I present you with the fifty-sixth annual report of the superintendent, for the year ending Nov. 30, 1909.

At the beginning of the year there were in the hospital 902 patients, — 494 men and 408 women. Within the year 283 men and 269 women were admitted; 244 men and 220 women by commitment, 3 men and 10 women by transfer, and 35 men and 39 women nominally admitted for discharge, making the whole number under treatment 1,454, which is 10 less than were under treatment the previous year.

There were dismissed during the year 459 patients, — 240 men and 219 women, — as follows: 53 were discharged as recovered, 28 as capable of self-support, 59 as improved, 32 as not improved, 2 as not insane, 115 died, 86 were transferred, 3 of those who escaped were at large, and 81 were out on visit at the close of the statistical year. Of the 459 cases dismissed, 8 women were under commitment as dipsomaniacs or inebriates. Of these, 3 were discharged as capable of self-support, 2 as improved, and 3 were out on visit Oct. 1, 1909. The daily average number of patients was 966.73, which is 33.03 more than the previous year.

Of those discharged recovered, 10 had been insane less than one month, 24 less than twelve months, and the whole duration of insanity in 64 per cent. of those who recovered did not exceed one year.

The transfers by the State Board of Insanity were as follows: 40 to the Foxborough State Hospital, 29 to the Medfield State Asylum, 2 to the Monson State Hospital, 2 to the State Hospital at Tewksbury, 2 to the Boston State Hospital, 1 to McLean

Hospital, 1 to the School for the Feeble-minded at Waltham, 1 to Dr. Coon's private hospital at East Walpole, 9 to family care, 26 were removed from the State, having no settlement in the State, and 9 were deported by the Commissioners of Immigration.

The number of recoveries was 4 more than last year. The percentage of recoveries calculated on the admissions was 11.4; calculated on the discharges it was 13.9.

One hundred and fifteen patients died during the year, 17 less than last year. Ten died of general paralysis, while 14 general paralytics died from general causes; 7 of some form of tuberculosis; 8 of cerebral hemorrhage, and 15 of some form of chronic disease of the heart and arteries. Of those dying of acute disorders, 25 died of some form of pneumonia, 13 of acute gastric and intestinal disorders, 2 of typhoid fever, and 1 of suicide by hanging. The percentage of deaths calculated on the daily average number of patients was 11.8; calculated on the whole number under treatment, 7.9. There were 7 cases of malaria, 5 of which were known to be secondary.

There were 30 cases of pneumonia, of which 24 died (these cases, as usual, occurred for the most part in old persons, worn out by age and disease, whose power of resistance was practically gone); 11 cases of erysipelas, with no deaths; 50 cases of dysentery, with 1 death; 32 cases of other acute enteric disorders, with 15 deaths. Cases of tuberculosis at present showing more or less active symptoms are 16 in number, — 4 men and 12 women.

In October, 1908, we had 6 cases of typhoid fever, — 4 patients, 3 women and 1 man, and 2 nurses, both women. The origin of these cases is not positive, but 5 probably originated from the first case, that of a young woman who had been in the hospital more than a year. She had visitors frequently, who often brought her dainties from home, and she may have been infected in this manner. Last August we had 8 more cases of typhoid fever, all men, — 1 patient and 7 employees. These cases probably originated from the first case, a nurse, who was taken sick while at home on a visit. Of these 14 cases 3 — 2 patients and 1 nurse — died.

Nine patients escaped during the year, 6 of whom were re-

turned. The per capita cost of maintenance for the year was \$4.68 per week.

Nine hundred and thirty-five patients — 583 men and 352 women — have been employed on the wards and in the various departments of the hospital. Careful attention has been given to providing varied, appropriate and useful employment for as many patients as possible.

In January last a tailor shop was opened in the room in the industrial building formerly used as a brush shop, but which has been used as a storeroom since the manufacture of brushes was abandoned. Since the shop was opened we have manufactured and repaired by the labor of male patients, the only employee being the foreman, who does the cutting and directs the work, all the outside clothing worn by our male patients. The output of the sewing room has been increased until now practically all the clothing for our women patients is made and repaired there. At the present time, therefore, we make and repair all the shoes, slippers and clothing worn by our patients, with the exception of stockings and knit underwear. Recognizing that the opportunities for out-of-door work are greater for men than for women, a selected number of women patients were employed during the season cutting greens, picking peas, beans, etc. It is our intention to extend their employment in that direction as the results are gratifying.

Two hundred and ten patients — 173 men and 37 women — have had parole of the grounds at some time during the year. From June until the last of September the verandas were used as out-of-door dormitories, providing accommodation for about 70 patients, and the health and comfort of the whole body was promoted to a considerable degree thereby. It is planned to extend this out-of-door treatment as much as possible.

It was recorded in our last report that a number of selected patients had been permitted to leave the hospital on trial visit on condition that they reported at the hospital, in person, monthly during the trial period. This system has been continued during the past year, with gratifying results. Of the 154 patients who were dismissed on trial visit during the year, 36, or a little over 23 per cent. made monthly reports. These patients were selected by the superintendent, and comprised for

the most part those who, in his judgment, were more likely to fail. Of the 154 patients dismissed on trial visit, 28 were returned before the expiration of the trial period. Of these, only 4 were of those making monthly reports. For the most part these patients apparently enjoyed their monthly visit to the hospital, and frequently after interviewing the superintendent would spend an hour or more on the wards, visiting their old friends. Often after making the last visit they would say, in substance, "I am not going to say 'goodby' now for I intend to come back and see you all again." In some cases we are sure that the advice they received on these visits aided them materially in passing the trial period successfully, and in nearly all cases mutual confidence between physician and patient was promoted. Only 3 patients showed any reluctance to make the monthly visits and none of them showed any repugnance. Nearly all of them recognized that they had been ill, and had been helped at the hospital, and were willing, and in some cases anxious, to be advised.

Eight patients — 5 men and 3 women — were received by voluntary commitment.

Dr. Everett M. Brown has satisfactorily done the necessary dental work of the hospital for the year, 524 different patients receiving treatment.

Fifteen pupils — 3 men and 12 women — graduated from the training school in June. At the graduating exercises the general address was delivered by Dr. Silas D. Presbrey, president of the Massachusetts Medical Society, and diplomas were presented to the graduating class, with an appropriate address, by Dr. Henry R. Stedman, chairman of your Board. The school now has 31 pupils, — 4 men and 27 women.

The year has been a very busy one in the work of repair and improvement. New floors throughout have been laid in wards 7 and 8, male. The old dwelling house at the Raynham farm is in process of repair, and the trunk line sewer, to connect the hospital sewerage system with the city sewer, is in process of construction. All of the above are provided for by special appropriations. Some of the most important of the ordinary repairs, renewals and improvements are as follows: repairs have been completed in the horse stable; a new floor has been

laid in the kitchen; in the kitchen also a new hood, with exhaust fan, has been put over the steam kettles, — a most valuable and necessary improvement, and one that has been long needed; the officers' dining room has been enlarged; the nurses' two dining rooms have been equipped with steam tables, with tea and coffee urns; the two lower infirmary wards have been equipped with electric fans, which were the means of much comfort to our most helpless patients during the heated season; two galvanized iron dumb-waiters have been installed, to replace two worn-out wooden ones; all dumb-waiters have been equipped with safety brakes; the front avenue has been wired and equipped with electric lights, replacing the inefficient gas lights. The horizontal hot-water heater, installed in 1906, and which has required frequent repairs, failed completely last winter. It was rebuilt by our engineer and is now giving excellent service. The hot-water heater at the women nurses' home failed last summer and was replaced. It was also found necessary to rebuild entirely all the outside pens at our piggery. This was thoroughly done and the walls capped with cement instead of plank.

Especial care and attention has been given to that most important of our duties, the care and treatment of acute cases. But we are much handicapped for lack of adequate modern appliances. Plans have been drawn and estimates made for an extension of 35 feet to the dining-room extension on both the east and west wings. This will provide, for each wing, a dining-room on the lower floor, with seating capacity of 200; an acute ward, with treatment room equipped with continuous baths and hydrotherapeutic appliances on the middle floor; and a ward for tuberculous patients on the upper floor. The plans call for a piazza 70 feet by 11 feet on each floor, for out-of-door treatment, which is as valuable for acute and convalescent and some chronic patients as for tuberculous patients. By proper management we expect to make use of the piazzas at all times, except during severe storms. Each extension will provide room for 40 patients. It will cost to erect, equip and furnish each extension about \$34,250. We would, therefore, advise that a special appropriation of \$68,500 be asked for to erect, equip and furnish these proposed extensions.

We are glad to be able to report progress in dealing with bovine tuberculosis. Last June only two cows reacted to the tuberculin test, and those, on post-mortem examination, showed no gross tubercular lesions. In order to raise the necessary young stock to replenish our herd, more room is needed, as our present cow stables are only large enough to care for enough cows to supply us with the necessary amount of milk. Plans have been drawn and estimates made for a cow barn 112 feet by 40 feet, with silo, to care for 50 cows, to be erected at the Raynham colony farm by our own employees. We therefore advise that a special appropriation of \$4,000 be asked for for this purpose.

The special appropriation of \$6,800, appropriated by the last General Court "for completing the sewerage system at the Taunton State Hospital and for connecting the same with the sewerage system of the city of Taunton," will be insufficient, owing to unexpected difficulties encountered in excavating. The estimate made did not include "rock excavation," as none was expected, but an unusual amount of ledge and boulders has been already encountered, with prospect of more before the work is finished. It will, therefore, be necessary to ask for a deficiency appropriation, the exact amount of which cannot now be accurately determined.

Continued efforts to provide wholesome entertainment and diversion for our patients have met with gratifying results. From October until May Monday evenings are given up to entertainment. One entertainment by outside talent is provided each month. On the other Monday evenings stereopticon lectures by members of the staff alternate with social dances, which are thoroughly enjoyed. Frequently the capacity of our chapel, which seats about 400, is tested to the uttermost, and on special occasions, like Christmas, all seats and standing room are occupied. Had we capacity for from 50 to 100 more it would be none too large. A new feature was introduced during the past year, an evening of song each week. Each Wednesday evening all who are interested in music meet in the chapel and spend an hour singing, led by our choir. This diversion, begun in a small way as an experiment, has increased steadily in popularity, and is now a recognized feature of our hospital work. During the summer months the weekly game of baseball was attended and thoroughly enjoyed by between 400 and 500 pa-

tients. Eight picnics were given, enabling each patient able to participate to attend two. A new double tennis court was constructed last spring to replace the old one, which was inconveniently located. The new court proved to be an excellent one and has been much enjoyed. Mr. Frederick W. Howes, instructor of music in the Taunton public schools, with some twenty of his high school pupils, gave us a very enjoyable concert. Mrs. Earle Duffy, with the young people of St. John's Parish, gave a drama, with their usual success. Rev. Malcolm Taylor on Christmas Eve gave a most interesting and instructive lecture on Palestine. Papers and periodicals were contributed by Dr. Henry R. Stedman of Brookline, Mass., and by Mrs. George H. Johnson, Mrs. William McAusland and the Salvation Army of this city. "The New Bedford Daily Mercury" and the "Old Colony Memorial" were received free of charge, as for many years.

Dr. Benjamin W. Baker, first assistant physician, resigned last summer, his resignation taking effect October 1. His departure is felt as a personal loss by all with whom he came in contact. Careful, farseeing, of good judgment, faithful and loyal, he was a most valuable servant of the State. Dr. Horace G. Ripley was promoted to the position left vacant by Dr. Baker's resignation. Dr. George K. Butterfield was promoted to the position of second assistant physician, and Dr. Raoul G. Provost to the position of third assistant physician. Dr. Charles G. McGaffin was appointed pathologist and assistant physician. Dr. G. B. McMurray and Dr. Fred H. Freeman were appointed internes. Dr. McMurray resigned in October. Dr. John J. Thompson resigned as interne and was reappointed in October. Miss M. O. Thompson, supervisor, resigned last summer, much to our regret. She was succeeded by Miss Margaret A. McIntosh, graduate of our training school, 1905. Miss Jessie McLennon, who had faithfully discharged the trying duties of night supervisor for several years, resigned her position last summer, and was succeeded by Miss Margaret M. Cochrane, graduate of our training school, 1907. Miss Grace A. Jones resigned her position as laundress last spring. She had served the hospital faithfully many years, but was forced by failing health to give up her work. She was succeeded by Miss Almira

J. Burwell, Providence, R. I. Mrs. Nelson W. Barr, seamstress for many years, resigned, owing to failing health, and was succeeded by Miss Alice L. Aborn of Belfast, Me.

It is my painful duty to record the death of Mr. Nathaniel B. Borden, a member of your Board, and at the time of his death its chairman. The wisdom of his counsel, fully appreciated while he was living, is a loss indeed to those who profited by it. As devoted to the affairs of the hospital as to his own private business, he was a faithful and loyal servant of the State. His last official act, only a few days before his death, was to outline the annual report of the trustees for the year 1908. He was indeed faithful unto death.

Once more we wish to express our appreciation of the hearty co-operation of the officers and employees with the administration. It has always been characteristic of this hospital and we hope it ever may. The hearty support and co-operation of your Board has been a great help and encouragement, and we shall strive ever to advance.

ARTHUR V. GOSS,
Superintendent.

PATHOLOGIST'S REPORT.

The following is the report of the work done in the pathological department for the year ending Nov. 30, 1909. There have been 135 deaths during that time, and of these, 32 autopsies were performed, or 23.6 per cent. This is a marked increase over the last two years and is encouraging to more work in the future. Such examinations aid greatly our understanding of the morbid process, and clinical symptoms are better understood. Each investigation presents something of interest, and the advantages gained thereby need no further emphasis.

The psychoses in the cases coming to autopsy were as follows:—

General paralysis,	11	Involution psychosis,	1
Senile dementia,	9	Korsakow's psychosis,	1
Manic-depressive insanity,	3	Tabetic psychosis,	1
Dementia præcox,	3		
Organic brain disease,	2		32
Acute delirium,	1		

The cause of death, with the accompanying psychosis in each case, follows:—

<i>Cause of Death.</i>	<i>Psychosis.</i>
I. Bronchopneumonia,	Organic brain disease.
II. Acute enteritis with bronchopneumonia,	Senile dementia.
III. Septicæmia,	Manic-depressive insanity.
IV. Bronchopneumonia,	Senile dementia.
V. Organic heart disease,	General paralysis.
VI. Acute gastritis with lobar pneumonia,	Manic-depressive insanity.
VII. Cerebral hemorrhage with uremic convulsions,	General paralysis.
VIII. Influenza with lobar pneumonia,	Senile dementia.

<i>Cause of Death.</i>	<i>Psychosis.</i>
IX. Lobar pneumonia,	Senile dementia.
X. Bronchopneumonia,	Senile dementia.
XI. Septicæmia,	General paralysis.
XII. Lobar pneumonia with fracture of femur,	Organic brain disease.
XIII. Pulmonary tuberculosis,	Acute delirium.
XIV. Pulmonary tuberculosis,	Dementia præcox.
XV. Bronchopneumonia,	General paralysis.
XVI. Chronic pericarditis,	General paralysis.
XVII. Gangrene of foot,	Senile dementia.
XVIII. Bronchopneumonia,	General paralysis.
XIX. Cerebral hemorrhage,	General paralysis.
XX. Bronchopneumonia,	Senile dementia.
XXI. Acute enteritis,	General paralysis.
XXII. Chronic myocarditis,	General paralysis.
XXIII. Hemorrhagic cystitis with organic heart disease,	Involution psychosis.
XXIV. General tuberculosis,	Korsakow's psychosis.
XXV. Lobar pneumonia with chronic dif- fuse nephritis,	Dementia præcox.
XXVI. Chronic fibrous endocarditis with general arteriosclerosis,	Manic-depressive insanity.
XXVII. Tabes dorsalis with chronic cystitis,	Tabetic psychosis.
XXVIII. Acute enterocolitis,	Senile dementia.
XXIX. Bronchopneumonia,	General paralysis.
XXX. Bronchopneumonia,	Senile dementia.
XXXI. Acute enteritis,	Dementia præcox.
XXXII. General paralysis with convulsions,	General paralysis.

In connection with the clinical work, a specimen of each patient's urine is examined as soon as possible after commitment, and as often as any symptoms arise. Besides this routine there are bacteriological stainings, blood counts, serum tests, examinations of stomach contents, feces, etc.

A careful search was made of the excreta of an employee who was suspected to be a typhoid carrier, but the bacillus typhosus was not demonstrated.

New and larger quarters have been built for the test animals and we are now well equipped in that department.

A new system of numbering for the autopsies has been adopted and is working satisfactorily.

It has been our endeavor to keep the pathological and clinical

departments in as close relationship as possible. In our clinical studies we feel that we are making progress. A staff meeting is held five days in the week, from 11 to 12 o'clock, when each physician in turn reports cases, after which the diagnosis, prognosis and treatment are discussed. Permanent records of these meetings are filed in each case presented. These conferences are not a new departure, having been in vogue here for a number of years, but their importance cannot be too often emphasized. They form a most essential part of the duties of the staff, and in no other way do we get as clear an idea of the psychoses under observation.

A new card index is being made, under the direction of the pathologist, of all the different forms of mental disease since the opening of the hospital. In many hundreds of the first cases no diagnosis was made and they have been tabulated in that way. The different terms that have been used from year to year for the same psychosis are being correlated to correspond to our present classification. The heredity is noted in each case where the records give any such family history. When completed it will form an important addition to the statistics not only of this hospital but of psychiatry in general.

During the year original articles by members of the staff have been presented before the American Medico-Psychological Association, the New England Society of Psychiatry and the local branch of the State Medical Society.

CHARLES G. McGAFFIN,
Pathologist.

TREASURER'S REPORT.

To the Trustees of the Taunton State Hospital.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1909.

CASH ACCOUNT.

Balance Dec. 1, 1908,	\$5,000 00
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Receipts.

Institution Receipts.

Board of inmates : —

Private,	\$23,165 52
Reimbursements,	11,709 93
Cities and towns,	220 54

\$35,095 99

Salaries, wages and labor : —

Labor of employees,	4 00
---------------------	------

Sales : —

Food,	\$15 98
Clothing and materials,	426 38
Heat, light and power,	4 23
Repairs and improvements,	56 36
Miscellaneous,	1 05

504 00

Farm, stable and grounds : —

Pigs and hogs,	\$19 00
Ice,	3 09
Sundries,	38 86

60 95

Miscellaneous receipts : —

Interest on bank balances,	\$233 35
Rent,	136 00
Sundries,	166 79

536 14

36,201 08

Receipts from Treasury of Commonwealth.

Maintenance appropriations : —

Balance of 1908,	\$11,024 03
Advance money,	15,000 00
Approved schedules of 1909,	215,952 86

241,976 89

Special appropriations,	4,336 71
-------------------------	----------

Total,	\$287,514 68
--------	--------------

Payments.

To treasury of Commonwealth, institution receipts,	\$36,201 08	
Maintenance appropriations : —		
Balance November schedule, 1908,	16,024 03	
Eleven months' schedules, 1909,	220,952 86	
November advances,	6,862 33	
	<hr/>	\$280,040 30
Special appropriations : —		
Approved schedules,		4,336 71
Balance Nov. 30, 1909 : —		
In bank,	\$2,791 84	
In office,	345 83	
	<hr/>	3,137 67
Total,		<hr/> \$287,514 68

MAINTENANCE.

Appropriation,	\$236,600 00
Expenses (as analyzed below),	236,594 00
	<hr/>
Balance reverting to treasury of Commonwealth,	\$6 00

Analysis of Expenses.

Salaries, wages and labor : —		
General administration,	\$30,924 59	
Medical service,	10,745 82	
Ward service (male),	20,882 52	
Ward service (female),	20,490 77	
Repairs and improvements,	7,313 32	
Farm, stable and grounds,	7,954 61	
	<hr/>	\$98,311 63
Food : —		
Butter,	\$9,718 16	
Butterine,	3,430 19	
Beans,	649 40	
Bread and crackers,	612 19	
Cereals, rice, meal, etc.,	1,311 70	
Cheese,	96 91	
Eggs,	3,518 13	
Flour,	8,370 05	
Fish,	2,487 87	
Fruit (dried and fresh),	4,379 87	
Meats,	13,046 02	
Milk,	1,285 88	
Molasses and syrup,	280 78	
Sugar,	2,954 65	
Tea, coffee, broma and cocoa,	2,541 18	
Vegetables,	2,890 01	
Sundries,	2,426 93	
	<hr/>	59,999 92
Clothing and materials : —		
Boots, shoes and rubbers,	\$374 06	
Clothing,	15 64	
	<hr/>	
Amounts carried forward,	\$389 70	\$158,311 55

<i>Amounts brought forward,</i>		\$389 70	\$158,311 55
Clothing and materials — <i>Con.</i>			
Dry goods for clothing and small wares,		2,781 62	
Furnishing goods,		857 48	
Hats and caps,		185 58	
Leather and shoe findings,		1,172 20	
Sundries,		463 21	
			5,849 79
Furnishings : —			
Beds, bedding, table linen, etc.,		\$7,368 86	
Brushes, brooms,		388 01	
Carpets, rugs, etc.,		765 80	
Crockery, glassware, cutlery, etc.,		1,152 95	
Furniture and upholstery,		671 20	
Kitchen furnishings,		472 18	
Wooden ware, buckets, pails, etc.,		219 41	
Sundries,		397 29	
			11,435 70
Heat, light and power : —			
Coal,		\$16,420 96	
Freight on coal,		768 39	
Gas,		628 68	
Oil,		419 36	
Sundries,		94 37	
			18,331 76
Repairs and improvements : —			
Brick,		\$107 63	
Cement, lime and plaster,		157 15	
Doors, sashes, etc.,		12 04	
Electrical work and supplies,		481 20	
Hardware,		350 17	
Lumber,		506 31	
Machinery, etc.,		530 00	
Paints, oil, glass, etc.,		1,420 75	
Plumbing, steam fitting and supplies,		1,326 86	
Roofing and materials,		99 05	
Sundries,		3,431 88	
			8,423 04
Farm, stable and grounds : —			
Blacksmith and supplies,		\$513 14	
Carriages, wagons, etc., and repairs,		640 05	
Fertilizers, vines, seeds, etc.,		1,395 11	
Hay, grain, etc.,		9,674 96	
Harnesses and repairs,		236 26	
Horses,		275 00	
Cows,		887 50	
Other live stock,		571 00	
Rent,		25 00	
Tools, farm machines, etc.,		366 05	
Sundries,		1,257 70	
			15,841 77
Miscellaneous : —			
Books, periodicals, etc.,		\$311 16	
Chapel services and entertainments,		1,496 62	
<i>Amounts carried forward,</i>		\$1,807 78	\$218,193 61

<i>Amounts brought forward,</i>	\$1,807 78	\$218,193 61
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Miscellaneous — *Con.*

Freight, expressage and transportation,	1,984 32	
Funeral expenses,	64 38	
Hose, etc.,	119 77	
Medicines and hospital supplies,	2,531 64	
Medical attendance, nurses, etc. (extra),	313 06	
Postage,	491 44	
Printing and printing supplies,	475 05	
Printing annual report,	189 86	
Return of runaways,	41 30	
Soap and laundry supplies,	1,509 67	
Stationery and office supplies,	473 67	
School books and school supplies,	9 90	
Travel and expenses (officials),	706 14	
Telephone and telegraph,	729 75	
Tobacco,	988 07	
Water,	3,747 61	
Sundries,	2,216 98	
		18,400 39
Total expenses for maintenance,		\$236,594 00

SPECIAL APPROPRIATIONS.

Balance Dec. 1, 1908,	\$2,662 51	
Appropriations for fiscal year,	6,800 00	
Total,		\$9,462 51
Expended during the year (see statement annexed),	\$4,336 71	
Reverting to treasury of Commonwealth,	01	
		4,336 72
Balance Nov. 30, 1909,		\$5,125 79

RESOURCES AND LIABILITIES.

Resources.

Cash on hand,	\$3,137 67	
November cash vouchers (paid from advance money),	6,862 33	
Due from treasury of Commonwealth account		
November, 1909, schedule,	5,641 14	
		\$15,641 14

Liabilities.

Schedule of November bills,	\$15,641 14
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Special Appropriations.

OBJECT.	Act or Resolve.	Whole Amount.	Expended during Fiscal Year.	Expended to Date.	Balance at End of Year.
Addition to steam-heating plant and general repairs.	Acts 1906, . . .	\$5,400 00	\$262 50	\$5,399 99	\$0 01 ¹
Addition to old buildings, . . .	Acts 1908, . . .	2,400 00	1,225 72	1,225 72	1,174 28
Sewerage system, . . .	Acts 1909, . . .	6,800 00	2,848 49	2,848 49	3,951 51
		\$14,600 00	\$4,336 71	\$9,474 20	\$5,125 79

¹ Reverting to treasury of Commonwealth.

Respectfully submitted,

FRANK W. BOYNTON,
Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

WARREN A. MERRILL,
Assistant Supervisor of Accounts.

OFFICERS AND THEIR SALARIES.

ARTHUR V. GOSS, M.D., <i>Superintendent</i> ,	\$2,500 00
HORACE G. RIPLEY, M.D., <i>Assistant Physician</i> ,	1,500 00
GEORGE K. BUTTERFIELD, M.D., <i>Assistant Physician</i> ,	1,000 00
RAOUL G. PROVOST, M.D., <i>Assistant Physician</i> ,	700 00
DORA W. FAXON, M.D., <i>Assistant Physician</i> ,	800 00
CHARLES G. MCGAFFIN, M.D., <i>Assistant Physician and Pathologist</i> ,	1,000 00
JOHN J. THOMPSON, M.D., <i>Interne</i> ,	500 00
FRED H. FREEMAN, M.D., <i>Interne</i> ,	500 00
FRANK W. BOYNTON, <i>Treasurer</i> ,	1,200 00
OTIS E. WHITE, <i>Steward</i> ,	1,200 00
JAMES C. FLYNN, <i>Engineer</i> ,	1,200 00

VALUATION.

Nov. 30, 1909.

Land, 333 acres,	\$52,875 00	
Hospital buildings,	392,000 00	
Barns and stables,	51,100 00	
Boiler house buildings,	30,000 00	
Laundry building,	16,000 00	
Industrial building,	12,000 00	
Nurses' home buildings,	86,300 00	
Other buildings and wall,	22,200 00	
		<hr/> \$662,475 00
Live stock on the farms,	\$10,652 50	
Produce of the farms on hand,	3,723 25	
Carriages and agricultural implements,	6,150 00	
Other property of the farms,	915 00	
Machinery and mechanical fixtures,	47,585 00	
Beds and bedding in inmates' department,	32,065 17	
Other furniture in inmates' department,	16,346 35	
Personal property of the State in the superin-		
tendent's department,	18,025 98	
All other property,	2,438 42	
Dry goods and clothing,	4,232 20	
Provisions and groceries,	3,666 34	
Drugs and medicines,	600 00	
Fuel,	5,280 00	
Library,	2,000 00	
Other supplies undistributed,	3,094 75	
		<hr/> 156,774 96
		<hr/> \$819,249 96

FARM PRODUCE.

VALUE OF FARM PRODUCE FROM DEC. 1, 1908, TO NOV. 30, 1909.

243,794	quarts milk,	\$12,189 70
1,780 $\frac{1}{2}$	dozen eggs,	623 03
74 $\frac{5}{2}$	boxes asparagus,	316 27
146	bushels green beans,	146 00
2	bushels dry beans,	4 50
47	bushels shell beans,	58 75
31	bushels lima beans,	46 50
295	bushels beets,	147 50
3 $\frac{1}{2}$	bushels beet greens,	1 23
18 $\frac{11}{100}$	tons cabbages,	362 20
325 $\frac{1}{2}$	bushels carrots,	195 30
20	boxes cauliflower,	20 00
88	boxes celery,	77 80
13	bushels chard,	4 55
501	bushels green corn,	375 75
63 $\frac{1}{2}$	boxes cucumbers,	125 00
3	pecks cucumber pickles,	1 20
10	barrels egg plants,	20 00
20	bushels kale,	6 00
357	boxes lettuce,	267 75
20	bushels leeks,	7 00
6	crates muskmelons,	10 50
221 $\frac{1}{2}$	bushels onions,	188 28
24	bushels parsley,	12 00
236	bushels parsnips,	177 00
142	bushels peas,	142 00
79	bushels peppers,	59 25
1,340 $\frac{1}{2}$	bushels potatoes,	1,273 45
1,930	pounds pumpkins,	57 90
155	dozen bunches radishes,	38 75
3,815	pounds rhubarb,	76 30
118	bushels spinach,	47 20
5 $\frac{47}{1000}$	tons winter squash,	151 43
9	barrels summer squash,	9 00

Amount carried forward, \$17,239 09

<i>Amount brought forward,</i>		\$17,239 09
327½	bushels ripe tomatoes,	245 63
75½	bushels green tomatoes,	37 75
264	barrels turnips,	330 00
75	watermelons,	11 25
1	barrel sauerkraut,	3 00
16½	barrels apples,	49 50
107	quarts blackberries,	10 70
602	quarts currants,	66 16
176	quarts gooseberries,	19 36
726	pounds grapes,	21 78
24	quarts raspberries,	2 40
3,648	quarts strawberries,	297 80
½	bushel pears,	50
12,685	pounds beef,	777 13
30,844	pounds pork,	2,467 52
1,029¾	pounds chickens,	226 55
97 ⁹ / ₁₀	tons hay,	1,726 70
283¾	tons ensilage,	1,418 75
14¾	tons grass,	73 75
6	tons green rye,	30 00
9	tons green corn fodder,	45 00
888	bushels mangel wurzel,	222 00
39,973	feet lumber,	653 44
64½	cords wood,	280 25
42	fence posts,	6 30
13	ducks,	13 00
1	pig,	10 00
31	calves,	62 00
888	pounds bones,	5 48
429	pounds tallow,	13 28
698	bags,	18 66
3,267	pounds hides, grease, junk, etc.,	187 67
		<hr/> \$26,572 40

WORK DONE IN THE SEWING ROOM

FROM DEC. 1, 1908, TO NOV. 30, 1909.

1,624 hall sheets.	36 table covers.
13 officers' sheets.	2 couch covers.
398 draw sheets.	7 leather cushion covers.
11 officers' pillow slips.	66 milk strainers.
4 skirts refitted.	20 coffee strainers.
5 dresses.	162 table cloths.
2 shirt waists.	36 table napkins.
18 strong gingham dresses.	239 long night dresses.
4 skirts altered.	207 short night dresses.
6 shirt waist suits.	534 night shirts.
125 wrappers.	27 rugs bound.
4 camisole sleeves.	14 tray cloths.
3 dusters.	101 kitchen holders.
91 bureau covers.	66 men's braces.
40 commode covers.	24 duck mittens.
5 stand covers.	3 eye blinders.
1,264 bath towels.	12 chemises.
392 attendants' towels.	54 burial night dresses.
48 single roller towels.	47 burial night shirts.
393 bibs.	86 ticking aprons.
111 nurses' apron bibs.	6 duck aprons.
157 nurses' aprons.	138 sausage bags.
594 nurses' caps.	292 buttonholes.
3 men's caps.	132 men's neckties.
105 white aprons.	205 dish cloths.
12 hall laundry bags.	5 blankets hemmed.
24 attendants' laundry bags.	293 men's shirts.
9 laundry bag strings.	80 large squares.
148 mattress ticks.	12 dress sleeves.
22 hassock ticks.	26 hats trimmed.
8 pillow ticks.	20 men's drawers.
99 white curtains.	12 splint straps.
100 sash curtains.	1 T bandage.
5 gingham skirts.	2 splint bandages.
3 flannel skirts.	1 abdominal bandage.
24 chair covers.	4 wrappers made over.

WORK DONE IN THE SEWING ROOM — *Concluded.*

1 kimono.	3 medicine tray covers.
4 black curtains.	3 bags for silver.
1 skirt made over.	4 strong dresses.
1 pair slippers.	22 glass towels.
6 clothespin bags.	14 hay bed ticks.

MENDING DONE IN SEWING ROOM

FROM DEC. 1, 1908, TO NOV. 30, 1909.

1,318 pairs drawers.	1 union suit.
63 pairs overalls.	42 camisoles.
5,847 pairs stockings.	22 strong gingham dresses.
137 white shirts.	979 under shirts.
996 night shirts.	6 flags.
24 summer coats.	4 table cloths.
1 sweater.	2 apron bibs changed.
2,037 colored shirts.	2 pockets changed.
6 jumpers.	1 bureau scarf.
180 hall laundry bags.	5 wrappers.
9 attendants' laundry bags.	1 coffee bag.
128 ticking aprons.	2 pairs suspenders.
285 hay bed ticks.	2 pillow cases.
70 hay beds made over.	3 carpets.
22 bed spreads.	19 curtains.
18 strong dresses.	

WORK DONE ON THE WARDS

FROM DEC. 1, 1908, TO NOV. 30, 1909.

34 officers' sheets.	6 stand covers.
280 attendants' sheets.	4 bread covers.
785 hall sheets.	37 dish cloths.
162 draw sheets.	16 dust cloths.
664 pillow slips.	37 white aprons.
79 double roller towels.	116 ticking aprons.
661 single roller towels.	2 gingham skirts.
2,406 bath towels.	11 outing flannel skirts.
592 linen towels.	76 sick cloths.
170 glass towels.	75 attendants' laundry bags.
106 table cloths.	13 pairs men's drawers.
406 table napkins.	1 man's gingham shirt.
26 tray cloths.	148 pairs men's suspenders.
2 sideboard covers.	397 bibs.
18 bureau covers.	22 pairs knitted wristers.
4 commode covers.	9 kitchen holders.

WORK DONE IN THE UPHOLSTERING DEPARTMENT OF THE INDUSTRIAL BUILDING

FROM DEC. 1, 1908, TO NOV. 30, 1909.

650 mattresses made.	6 hassocks upholstered.
648 pillows made.	22 small cushions upholstered.
590 mattresses renovated.	1 morris chair upholstered.
560 pillows renovated.	1 lounge repaired.
3 lounges upholstered.	1 parlor chair red.
2 couches upholstered.	2 barber chair paired.
1 sofa upholstered.	9 long settee cushions repaired.
5 easy chairs upholstered.	4,000 pounds curled hair hand
3 parlor chairs upholstered.	picked.

WORK DONE IN SHOE AND REPAIR SHOP

FROM DEC. 1, 1908, TO NOV. 30, 1909.

378 pairs shoes made.	103 pairs rubber heels repaired.
980 pairs slippers made.	22 rubber cushions repaired.
1,570 pairs shoes repaired.	12 pairs rubber boots repaired.
103 pairs slippers repaired.	10 pairs rubber lifts put on.
26 straps repaired.	633 pairs rubber heels put on.

WORK DONE IN TAILOR SHOP

FROM JAN. 4, 1909, TO NOV. 30, 1909.

236 men's coats made.	4,067 men's pants repaired and pressed.
241 men's vests made.	203 men's overcoats repaired and pressed.
496 men's pants made.	5 ladies' coats repaired and pressed.
79 men's shirts made.	15 ladies' skirts repaired and pressed.
158 men's overalls made.	50 men's camisoles repaired.
12 men's camisoles made.	154 blankets repaired.
41 men's jumpers made.	1 truss repaired.
24 pairs men's mittens made.	1 carriage mat repaired.
1 hunting bag made.	36 door mats repaired.
1 carpenter's apron made.	36 rugs repaired.
1 attendant's uniform made.	1 hat repaired.
36 rubber aprons made.	2 piano covers repaired.
3,335 men's coats repaired and pressed.	
1,361 men's vests repaired and pressed.	

WORK DONE IN CHAIR SHOP

FROM DEC. 1, 1908, TO NOV. 30, 1909.

80 chairs caned.
790 chairs scraped and varnished.
8 stands varnished.
13 bed tables varnished.

132 settees painted.
80 beds painted.
3 bureaus varnished.

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

1. — General Statistics of the Year.

	INSANE.			NOT INSANE.			DIPSOMANIAC OR INEBRIATE.			AGGREGATES.		
	Males.	Fe- males.	Totals.	Males.	Fe- males.	Totals.	Males.	Fe- males.	Totals.	Males.	Fe- males.	Totals.
Patients in hospital Oct. 1, 1908,	494	404	898	—	1	1	—	3	3	494	408	902
Admitted within the year,	284	261	545	—	—	—	—	9	9	284	270	554
Viz.: by commitment,	244	217	461	—	—	—	—	3	3	244	220	464
by transfer,	3	10	13	—	—	—	—	—	—	3	10	13
from escape,	—	—	—	—	—	—	—	—	—	—	—	—
from visit, ¹	37	34	71	—	—	—	—	6	6	37	40	77
Whole number of cases within the year,	778	665	1,443	—	1	1	—	12	12	778	678	1,456
Dismissed within the year,	242	211	453	—	—	—	—	8	8	242	219	461
Viz.: Discharged,	80	91	171	—	—	—	—	5	5	80	96	176
as recovered at time of leaving the hospital,	29	24	53	—	—	—	—	29	24	29	24	53
as capable of self-support,	21	4	25	—	—	—	—	3	3	21	7	28
as improved,	18	40	58	—	—	—	—	2	2	18	42	60
as not improved,	10	23	33	—	—	—	—	10	23	10	23	33
as not insane,	2	—	2	—	—	—	—	—	—	2	—	2
Died,	68	47	115	—	—	—	—	68	47	68	47	115
Transferred,	56	30	86	—	—	—	—	56	30	56	30	86
Escaped,	3	—	3	—	—	—	—	—	—	3	—	3
On trial October 1,	35	43	78	—	—	—	—	3	3	35	46	81
Patients remaining Sept. 30, 1909,	536	454	990	—	1	1	—	4	4	536	459	995
Viz.: supported as State patients,	462	347	809	—	1	1	—	3	3	462	351	813
as private patients,	36	68	104	—	—	—	—	1	1	36	69	105
as reimbursing patients,	38	39	77	—	—	—	—	38	39	38	39	77
Number of different persons within the year,	739	616	1,355	—	1	1	—	7	7	739	624	1,363
Number of persons admitted,	245	211	456	—	—	—	—	9	9	245	220	465
Number of different persons admitted by commitment,	241	207	448	—	—	—	—	3	3	241	210	451
Number of different persons dismissed,	206	174	380	—	—	—	—	3	3	206	177	383
Number of persons recovered,	29	24	53	—	—	—	—	29	24	29	24	53
Number of persons discharged capable of self-support,	21	4	25	—	—	—	—	3	3	21	7	28
Daily average number of patients,	542.10	420.16	962.26	—	1	1	—	3.47	3.47	542.10	424.63	966.73
Viz.: State patients,	471.97	320.88	792.85	—	1	1	—	3.30	3.30	471.97	325.18	797.15
private patients,	35.80	64.16	99.96	—	—	—	—	.17	.17	35.80	64.33	100.13
reimbursing patients,	34.33	35.12	69.45	—	—	—	—	34.33	35.12	34.33	35.12	69.45
Nominally admitted for discharge,	35	34	69	—	—	—	—	5	5	35	39	74

¹ Nominally admitted for discharge.

2. — *Insane received on First and Subsequent Commitments.*

NUMBER OF THE ADMISSION.	CASES COMMITTED.		
	Males.	Females.	Totals.
First to this hospital,	213	172	385
Second to this hospital,	24	28	52
Third to this hospital,	2	8	10
Fourth to this hospital,	2	5	7
Fifth to this hospital,	1	2	3
Sixth to this hospital,	—	2	2
Eighth to this hospital,	2	—	2
Total cases,	244	217	461
Total persons,	241	207	448
Never before in any hospital for the insane, .	196	157	353

3. — *Nativity and Parentage of Insane Persons first admitted to Any Hospital.*

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts,	70	36	38	49	23	20	119	59	58
Other New England States,	23	15	18	18	15	11	41	30	29
Other States,	8	9	10	8	4	4	16	13	14
Total native,	101	60	66	75	42	35	176	102	101
Other countries : —									
Austria,	1	2	2	1	1	1	2	3	3
Azores,	7	6	6	2	2	2	9	8	8
Canada,	21	23	21	14	15	16	35	38	37
Cape de Verde,	—	1	1	2	1	1	2	2	2
China,	4	4	4	—	—	—	4	4	4
England,	16	19	16	19	21	20	35	40	36
Finland,	—	—	—	1	1	1	1	1	1
France,	—	—	—	—	2	—	—	2	—
Germany,	1	2	2	2	3	4	3	5	6
Greece,	1	1	1	—	—	—	1	1	1
Holland,	1	1	1	—	—	—	1	1	1
Ireland,	26	44	42	27	46	50	53	90	92
Italy,	2	3	3	—	—	—	2	3	3
Philippine Islands,	—	—	—	1	1	1	1	1	1
Poland,	1	1	1	3	2	2	4	3	3
Portugal,	—	—	—	1	1	1	1	1	1
Russia,	5	4	4	3	3	3	8	7	7
Scotland,	1	4	3	2	3	5	3	7	8
Sweden,	2	2	2	2	2	2	4	4	4
Switzerland,	1	1	1	—	—	—	1	1	1
Total foreign,	90	118	110	80	104	109	170	222	219
Unknown,	5	18	20	2	11	13	7	29	33
Totals,	196	196	196	157	157	157	353	353	353

4. — Residence of Insane Persons admitted by Commitment.

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable County, .	6	8	14	4	2	6	10	10	20
Bristol County, . .	112	77	189	30	27	57	142	104	246
Dukes County, . . .	—	1	1	—	1	1	—	2	2
Middlesex County, . .	—	—	—	—	1	1	—	1	1
Nantucket County, . .	2	2	4	—	—	—	2	2	4
Norfolk County, . . .	13	11	24	3	3	6	16	15	31
Plymouth County, . .	33	24	57	2	7	9	35	32	75
Suffolk County, . . .	30	34	64	6	9	15	36	50	89
Totals,	196	157	353	45	50	95	241	207	448
Viz.: cities or towns (10,000 or over),	129	111	240	32	38	70	161	149	310
c o u n t r y districts (under 10,000), . .	67	46	113	13	12	25	80	58	138

5. — Civil Condition of Insane Persons first admitted to Any Hospital.

	Males.	Females.	Totals.
Unmarried,	77	57	134
Married,	82	67	149
Widowed,	30	30	60
Divorced,	4	3	7
Totals,	193	157	350
Unknown,	3	—	3
Totals,	196	157	353

6. — Occupations of Insane Persons first admitted to Any Hospital.

MALES.

Bakers,	2	Masons,	2
Barbers,	2	Meat cutter,	1
Blacksmith,	1	Mechanic,	1
Boiler maker,	1	Mill operatives,	24
Bookkeeper,	1	No occupation,	29
Britannia worker,	1	Painters,	5
Bricklayer,	1	Physician,	1
Carpenters,	3	Piano dealer,	1
Cigar maker,	1	Quarry man,	1
Clerks,	6	Restaurant keepers,	2
Druggist,	1	Rope maker,	1
Electrician,	1	Salesmen,	4
Engineers,	3	Seaman,	1
Expressman,	1	Shoe operatives,	8
Farmers,	12	Steam fitter,	1
Firemen,	5	Student,	1
Fish peddler,	1	Tailor,	1
Gardeners,	2	Tap makers,	2
Grocers,	3	Teamsters,	5
Harness maker,	1	Tinsmith,	1
Iron worker,	1	Waiter,	1
Janitors,	2	Wood chopper,	1
Jewelers,	5		
Junk dealer,	1	Total,	191
Laborers,	29	Unknown,	5
Laundry men,	2		
Machinists,	7	Total,	196
Manufacturer,	1		

6. — *Occupations of Insane Persons first admitted, etc.* — Concluded.

FEMALES.

Clerks,	2	Milliners,	2
Cook,	1	Music teacher,	1
Domestics,	28	No occupation,	19
Hairdresser,	1	Seamstresses,	2
Heel factory,	1	Student,	1
Housekeepers,	16	Waitresses,	2
Housewives,	52	Webbing factory,	1
Jewelers,	2		
Mill operatives,	12		

WIFE OR DAUGHTER OF —

Carpenter,	1	Painter,	1
Cigar maker,	1	Piano business,	1
Cloth finisher,	1	Safe maker,	1
Farmer,	1	Ship builder,	1
Fisherman,	1		
Iron worker,	1	Total,	157
Laborers,	4		

7. — *Ages of Insane at First Attack, Admission and Death.*

AGES.	FIRST ADMITTED TO ANY HOSPITAL.			DIED.								
	AT FIRST ATTACK.			WHEN ADMITTED.			AT FIRST ATTACK.			AT TIME OF DEATH.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	15	8	23	—	—	—	—	—	—	—	—	—
15 years and less,	—	—	—	—	—	—	2	—	2	—	—	—
From 15 to 20 years,	5	3	8	7	5	12	—	1	1	1	—	1
20 to 25 years,	14	17	31	18	17	35	4	1	5	2	1	3
25 to 30 years,	12	13	25	13	15	28	3	—	3	2	—	2
30 to 35 years,	18	17	35	14	14	28	2	4	6	4	1	5
35 to 40 years,	19	11	30	24	19	43	5	1	6	3	2	5
40 to 50 years,	28	23	51	42	27	69	13	7	20	10	9	19
50 to 60 years,	18	16	34	29	22	51	10	6	16	15	7	22
60 to 70 years,	17	13	30	18	15	33	7	7	14	11	8	19
70 to 80 years,	15	13	28	22	17	39	12	5	17	14	13	27
Over 80 years,	5	—	5	7	4	11	3	1	4	6	4	10
Totals,	166	134	300	194	155	349	61	33	94	68	45	113
Unknown,	30	23	53	2	2	4	7	14	21	—	2	2
Totals,	196	157	353	196	157	353	68	47	115	68	47	115
Mean known ages (in years),	40.5	39.0	39.7	45.6	40.4	43.0	51.5	52.3	51.9	54.5	59.8	57.2

8. — Probable Causes of Mental Disease in Persons first admitted to Any Hospital.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.					
	Males.	Females.	Totals.	HEREDITARY TENDENCY.			NEUROTIC TENDENCY.		
				Males.	Females.	Totals.	Males.	Females.	Totals.
				Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Physical.</i>									
Alcoholic intemperance,	33	9	42	2	4	6	1	1	2
Alcoholic intemperance and childbirth,	-	1	1	-	1	1	-	-	-
Alcoholic intemperance and heredity,	-	1	1	-	-	-	-	-	-
Alcoholic intemperance and syphilis,	3	4	7	-	-	-	-	-	-
Arteriosclerosis,	1	-	1	-	-	-	-	-	-
Arteriosclerosis and cerebral hemorrhage,	2	-	2	-	-	-	-	-	-
Codein,	-	1	1	-	-	-	-	-	-
Congenital,	13	5	18	2	-	2	1	1	2
Diabetes mellitus,	-	1	1	-	-	-	-	-	-
Epilepsy,	2	3	5	-	-	-	-	-	-
Exhaustion,	-	2	2	-	-	-	-	-	-
Heredity,	11	17	28	10	13	23	2	2	4
Heredity and overwork,	1	-	1	1	-	1	1	-	1
Influenza and cerebral hemorrhage,	1	-	1	-	-	-	1	-	1
Menopause,	-	13	13	-	1	1	-	-	-
Opium,	1	-	1	-	-	-	-	-	-
Puerperal,	-	3	3	-	-	-	-	-	-
Senility,	30	29	59	2	2	4	1	1	2
Senility and arteriosclerosis,	1	-	1	-	-	-	-	-	-
Surgical operation,	7	1	8	-	-	-	-	-	-
Syphilis,	3	2	5	2	1	3	-	-	-
Trauma,	-	1	1	-	1	1	-	-	-
Typhoid fever and heredity,	-	1	1	-	-	-	-	-	-

8. — Probable Causes of Mental Disease in Persons first admitted to Any Hospital — Concluded.

EXCITING CAUSES.			ADMITTED.			PREDISPOSING CAUSES.								
			Males.	Females.	Totals.	HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC INTemperance.		
						Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Mental.</i>														
Domestic worry,	.	.	-	4	4		-	-	-	1	1	-	-	-
Worry and senility,	.	.	-	1	1		-	1	-	-	-	-	-	-
Worry and overwork,	.	.	2	-	2		-	-	-	-	-	-	-	-
Totals,	.	.	111	98	209	19	24	43	7	7	14	2	4	6
Unknown,	.	.	85	59	144	1	4	5	7	2	9	1	2	3
Totals,	.	.	196	157	353	20	28	48	14	9	23	3	6	9

9. — *Probable Duration of Mental Disease before Admission.*

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.		
	Males.	Females.	Totals.
Congenital,	14	8	22
Under 1 month,	27	20	47
From 1 to 3 months,	18	19	37
3 to 6 months,	10	10	20
6 to 12 months,	22	10	32
1 to 2 years,	28	18	46
2 to 5 years,	30	24	54
5 to 10 years,	8	16	24
10 to 20 years,	6	8	14
Over 20 years,	1	1	2
Totals,	164	134	298
Unknown,	32	23	55
Totals,	196	157	353
Average known duration (in years),	4.7	4.3	4.5

10. — Form of Mental Disease in Patients committed or discharged, with their Condition on Discharge, or died.

FORM OF DISEASE.														
COMMITTED.			DISCHARGED.						DIED.			TOTAL DISCHARGES AND DEATHS.		
			RECOVERED.		CAPABLE OF SELF-SUPPORT.		IMPROVED.								NOT IMPROVED.		NOT INSANE.
Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — First admitted to any hospital: —														
Imbecility,	12	6	18	—	—	—	—	—	—	—	—	—	—	—
Psychopathic inferiority,	2	3	5	—	—	—	—	—	—	—	—	—	—	—
Dementia præcox,	41	29	70	3	1	4	6	12	1	3	4	4	2	6
General paralysis,	29	3	32	—	—	—	1	1	—	—	—	21	2	23
Organic brain disease,	4	5	9	—	—	—	1	4	5	—	—	2	4	6
Involution psychosis,	2	14	16	—	—	—	1	1	—	—	—	2	4	6
Senile dementia,	32	30	62	—	—	—	2	1	3	—	—	20	13	33
Manic-depressive insanity,	9	30	39	3	9	12	—	1	1	—	—	2	6	8
Paranoia,	—	3	3	—	—	—	1	1	—	—	—	—	—	—
Paranoid condition,	5	—	5	—	—	—	—	5	6	—	—	2	—	—
Epileptic insanity,	2	2	4	—	—	—	2	1	—	—	—	—	2	4
Alcoholic insanity: —														
Acute,	11	5	16	13	3	16	—	1	1	—	—	—	—	—
Chronic,	18	2	20	—	1	1	—	1	1	—	—	—	—	—
Toxic insanity: —														
Chronic,	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Codein, acute,	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Cocainism, chronic,	—	—	—	1	—	1	—	—	—	—	—	—	—	—
Opium, chronic,	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Morphinism, acute,	—	—	—	1	—	1	—	1	—	—	—	—	—	—
Acute hallucinosis,	—	3	3	—	—	—	1	—	—	—	—	—	—	—
Traumatic psychosis,	2	2	4	2	2	—	—	—	—	—	—	—	—	—
Korsakow's psychosis,	1	2	3	—	—	—	—	—	—	—	—	—	—	—
Undiagnosed,	21	18	39	—	—	—	1	2	2	3	10	1	—	1
Acute delirium,	1	—	1	1	1	2	—	—	—	—	—	1	—	—
Exhaustion psychosis,	2	—	2	—	—	—	—	2	2	—	—	—	—	—
Neurasthenia,	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Not insane,	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Totals,	196	157	353	24	17	41	16	26	42	8	18	26	35	92
			</											

11. — Discharges of the Insane, classified by Admission and Result, and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, .	25	19	44	17	3	20	16	32	48	10	19	29	2	—	2	61	37	98	131	110	241
Second to this hospital,	3	3	6	2	—	2	1	2	3	—	2	2	—	—	—	5	9	14	11	16	27
Third to this hospital,	1	1	2	2	1	3	—	3	3	—	1	1	—	—	—	2	1	3	5	7	12
Fourth to this hospital,	—	1	1	—	—	—	—	2	2	—	1	1	—	—	—	—	—	—	—	4	4
Fifth to this hospital, .	—	—	—	—	—	—	1	—	1	—	1	1	—	—	—	—	—	—	1	1	2
Totals, .	29	24	53	21	4	25	18	39	57	10	24	34	2	—	2	68	47	115	148	138	286
First admitted to any hospital.	24	17	41	17	5	22	14	28	42	9	18	27	2	—	2	56	35	91	122	103	225

Pulmonary œdema, arteriosclerosis and chronic mania,	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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[illegible]

Diseases of Digestive System.

Acute enteritis and Korsakow's psychosis,
Acute enteritis and general paralysis with convulsions,
Acute enteritis and involution psychosis,

12. — Cause of Death, and Form of Mental Disease in Persons who died — Concluded.

CAUSE.	ORGANIC BRAIN DISEASE.			MANIC- DEPRESSIVE INSANITY.			ACUTE DELIRIUM.			KORSKOW'S PSYCHOSIS.			CHRONIC MANIA.			NOT INSANE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Diseases of the Digestive System — Con.</i>																		
Acute enteritis and manic-depressive insanity,	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Acute dysentery and epileptic insanity,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute dysentery and general paralysis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute gastritis and involution psychosis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute gastritis, lobar pneumonia and organic heart disease,	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Acute gastritis and manic-depressive insanity,	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Acute gastritis and senile dementia,	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Acute gastroenteritis and manic-depressive insanity,	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Acute gastroenteritis and senile dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastritis and senile dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastroenteritis and dementia præcox,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastroenteritis and general paralysis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic gastroenteritis and manic-depressive insanity,	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Gastroenteritis and general paralysis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gastroenteritis and manic-depressive insanity,	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Ileocolitis and senile dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Intestinal obstruction and dementia præcox,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Intestinal obstruction and involution psychosis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of Genito-urinary System.</i>																		
Acute nephritis and senile dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic nephritis and senile dementia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic pyelonephritis and arteriosclerosis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals,	2	5	7	6	8	14	1	—	1	3	2	5	—	1	1	1	—	1

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Recovered: —												
Under 1 month,	7	3	10	—	—	—	—	—	—	—	—	—
From 1 to 3 months,	4	5	9	10	5	15	4	1	5	1	1	2
3 to 6 months,	1	—	1	7	7	14	4	5	9	2	1	3
6 to 12 months,	3	2	5	10	3	13	4	4	8	—	4	4
1 to 2 years,	1	1	2	2	1	3	4	1	5	—	1	3
2 to 5 years,	2	1	3	—	1	1	2	1	3	2	—	—
5 to 10 years,	2	1	3	—	—	—	2	1	3	—	—	—
10 to 20 years,	—	1	1	—	—	—	—	—	—	1	1	—
Over 20 years,	—	—	—	—	—	—	—	—	—	—	—	—
Totals,	20	14	34	24	17	41	20	14	34	4	6	10
Unknown,	4	3	7	—	—	—	4	3	7	1	1	2
Totals,	24	17	41	24	17	41	24	17	41	5	7	12
Average of known cases (in months),	12.5	30.9	21.7	7.3	6.05	6.6	19.8	41.2	31.0	29.5	34.0	31.7
										12.0	20.4	16.2

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died — Concluded.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
B. — Died:—												
Under 1 month,	2	1	3	10	7	17	1	—	—	—	1	1
From 1 to 3 months,	7	3	10	11	4	15	—	2	—	—	—	—
3 to 6 months,	7	2	9	4	6	10	3	1	—	—	—	—
6 to 12 months,	6	5	11	9	5	14	5	1	—	—	3	5
1 to 2 years,	12	3	15	10	3	13	12	5	—	—	3	5
2 to 5 years,	12	6	18	8	7	15	19	8	6	9	1	7
5 to 10 years,	3	4	7	2	—	2	5	3	2	2	3	4
10 to 20 years,	1	4	5	1	3	4	3	7	1	—	1	1
Over 20 years,	—	—	—	1	—	1	1	1	3	1	—	—
Totals,	50	28	78	56	35	91	49	28	10	11	12	23
Unknown,	7	7	14	—	—	—	7	7	1	—	—	—
Totals,	57	35	92	56	35	91	56	35	11	11	12	23
Average of known cases (in months),	20.0	44.0	32.0	25.2	30.6	27.4	49.0	76.5	59.4	36.3	23.4	29.8

FIFTY-SEVENTH ANNUAL REPORT
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FOR THE
TAUNTON STATE HOSPITAL,
FOR THE
YEAR ENDING NOVEMBER 30, 1910.



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JOHN J. THOMPSON, M.D.,	.	.	Interne.
FRED H. FREEMAN, ² M.D.,	.	.	Interne.
LINDA A. J. RICHARDS,	.	.	Superintendent of Train- ing School for Nurses.
JAMES C. FLYNN,	.	.	Engineer.
OTIS E. WHITE,	.	.	Steward.
WILLIAM S. HILTZ,	.	.	Farmer.

TREASURER.

FRANK W. BOYNTON,	.	.	TAUNTON.
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Office at Hospital.

The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

TAUNTON STATE HOSPITAL,
TAUNTON, MASS., Dec. 15, 1910.

To His Excellency the Governor and the Honorable Council.

The trustees of the Taunton State Hospital herewith respectfully submit their fifty-seventh annual report, with the reports of the superintendent and treasurer and the statistics required by law.

The daily average number of patients in the hospital was 986; the whole number under treatment was 1,586, or 132 more than in the year immediately preceding. Of the 566 patients dismissed 59 had recovered, of whom 31 had been insane for more than one year, 52 were discharged as capable of self-support, and 148 died.

Apart from the purely medical work, whatever progress has been made toward ameliorating the condition of the patients has been along the lines of employment and diversion. The average number of patients engaged in some form of daily work was 620. Of these, 380, or about 61 per cent, were employed at work other than the usual ward duties of making beds, sweeping, etc. The sewing room has been abandoned, and all needlework is now done on the wards. The atmosphere of industry thus imparted has given a more cheerful aspect to the wards and the presence of workers in their midst has stimulated indolent patients to similar effort. Disturbed patients also are now employed at making bed ticks and picking curled hair on their wards.

On an average, 450 patients have regularly participated in the different forms of amusement, which have been more frequent and varied. For such disturbed patients as cannot attend the exer-

cises and entertainments in the chapel, stereopticon lectures are now provided on their wards.

We have regularly inspected the food provided for the inmates, and have found it nutritious and sufficiently varied, as a rule.

Work has been begun on the extensions intended for the treatment of acute insanity and tuberculous cases, for which an appropriation was made last winter.

In the death of the Hon. William C. Lovering, for thirty-three years a member of this Board, the hospital has lost one whose quick insight, wise counsel and wide influence have been of great value to the institution, in forwarding the best interests of the hospital and its inmates and in encouraging the highest standards in all its departments. His sound judgment and engaging personality stamped him as a high type of public servant, whose death is a distinct and serious loss to us and to the Commonwealth.

All the departments of the hospital are satisfactorily equipped and in good working order, under the conscientious management of the superintendent.

HENRY R. STEDMAN.

ELIZABETH C. M. GIFFORD.

SUSAN E. LEAROYD.

JAS. P. FRANCIS.

SIMEON BORDEN.

EDWARD LOVERING.

LOYED E. CHAMBERLAIN.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton State Hospital.

In compliance with the by-laws of your Board, I present you with the fifty-seventh annual report of the superintendent, for the year ending Nov. 30, 1910.

At the beginning of the year there were in the hospital 995 patients, — 536 men and 459 women. During the year 582 patients — 302 men and 280 women — were admitted; 258 men and 213 women by regular commitment, 4 men and 5 women by voluntary commitment, 2 men and 1 woman for observation, 1 man and 13 women by transfer and 74 nominally admitted for discharge, making the whole number under treatment 1,586, which is 132 more than were under treatment the previous year.

Fifty-nine were discharged as recovered, 52 as capable of self-support, 44 as improved, 29 as not improved, 4 as not insane, and 148 died. Of the 566 cases dismissed, 7 women were under commitment as dipsomaniacs or inebriates. Of these, 5 were discharged as capable of self-support, and 2 were out on visit Oct. 1, 1910.

The daily average number of patients was 986.30, which is 19.57 more than the previous year.

Of those discharged recovered, 11 had been insane less than one month, 17 less than twelve months, and the whole duration of insanity in 43 per cent of those who recovered did not exceed one year.

The transfers by the State Board of Insanity were as follows: 94 to the Medfield State Asylum, 15 to the Foxborough State Hospital, 5 to the Boston State Hospital, 4 to the Tewksbury State Infirmary, 3 to the Bridgewater State Hospital, 1 to the Danvers State Hospital, 1 to the Westborough State Hospital, 1 to the Worcester State Asylum, 1 to the McLean Hospital, 1 to the Wrentham State School, and 11 to family care; 13 were removed from the State, having no settlement in the State, and 9 were deported by the Commissioner of Immigration.

The number of recoveries was 6 more than last year. The percentage of recoveries, calculated on the admissions, was 11.8; calculated on the discharges, it was 12.11.

One hundred and forty-eight patients died during the year, — 33 more than last year. Eight died of general paralysis, while 20 general paralytics died from general causes. Of those dying of acute disorders, 46 died of some form of pneumonia and 22 of acute gastric and intestinal disorders. The percentage of deaths, calculated on the daily average number of patients, was 10.9; calculated on the whole number under treatment, 9.2.

Pneumonia claimed its usual large number of victims from the old and debilitated, there being 52 cases, with 46 deaths. There were 15 cases of erysipelas, with 4 deaths; 17 cases of dysentery, with 1 death; 35 cases of other acute enteric disorders, with 20 deaths.

Nine patients — 2 men and 7 women — are showing acute symptoms of tuberculosis; while 10 patients — 3 men and 7 women — are showing less active symptoms of the same disease.

During the year we had 4 cases of typhoid fever, — all employees. Of these, 2 — 1 supervisor and 1 nurse — had been engaged in caring for the cases reported last year, and undoubtedly became infected from them; another, a supervisor, doubtless was infected from the same source, though the manner is not as clear. The fourth was an isolated case, neither preceded nor followed by others, the origin of which is unknown. These 4 cases all recovered. We had no cases of malaria during the year.

During the year, 964 patients — 593 men and 371 women — have been employed in some way useful to the hospital and themselves. Of this number, 235 have been employed in ward work only, and 729 in other employments. The daily average number employed was about 620, — 390 men and 230 women; of these, 240 — 150 men and 90 women — were employed at ward work only, and 380 — 235 men and 145 women — at other occupations. The industries carried on by men exclusively are the same as described in last year's report; but the out-of-door work has been more varied and much more in quantity than usual, the necessary excavation for our new sewer, now completed, requiring the labor of many men for months.

Under the able management of our laundress, Miss Burwell,

the amount of work done in the laundry has been more than doubled, and the quality of the work done has correspondingly improved. This has been accomplished with no addition to the number of employees, but by the employment of a greater number of patients, 46 men and 24 women being employed there at the present time. Non-paroled patients work only half a day in the laundry or the shops, thus having time to get out-of-door exercise. While the variety and quantity of industrial work done by men remains about the same as noted in last year's report, that done by women has been extended and is extending. Last year it was stated that a beginning had been made in the employment of some of the women patients in suitable out-of-door labor. This work has been extended, and the number of patients employed has been increased. Women patients this year gathered all greens, peas and beans, and picked all berries on the home farm, besides preparing all vegetables for cooking. This out-of-door work does not appear in statistics, as it was done for the most part by volunteers who were engaged in other occupations, but found more relaxation and recreation in these pleasant out-of-door occupations than in the conventional and rather stiff walk, which we still make use of, for want of better.

The output of our sewing room for many years had been unsatisfactory, and, while many explanations were offered that partially explained the condition, the conclusion was forced upon us that we had been working on wrong principles to obtain the best results. To test the correctness of this conclusion, a radical change was made. The sewing room was closed, the sewing machines distributed on selected wards, and the direction of the work given to the nurses, under the direction of the medical staff. One employee takes charge of the stock, gives out the needed materials, receives the completed work and does part of the cutting. One of our principles is, that all work should be done in the manner most natural to the doer. It is natural for men to go to the field and the shop; but women do their work, however varied it may be, at home. The results of the experiment have been to our satisfaction. The work done has been more in quantity and better in quality than before. Before the end of the year it became necessary to increase the variety of work, to avoid having willing hands idle. Considerable work has accordingly been

done for the tailor shop, stockings knit for men, and the making of drawn rugs has been commenced. We hope gradually to introduce handicraft work of various kinds. In connection with employment as a curative agent, an important change has been made in classification. In the women's wing, Ward 4 was made intermediate between the acute ward, Ward 8, and the convalescent ward, Ward 1. As soon as the acute symptoms of mental disease subside, the patient is moved to Ward 4, a bright, cheerful ward, where she at once finds herself in an atmosphere of industry, every one doing something, some of course more than others, and she naturally goes with the current. As her symptoms improve, she is moved to Ward 1, where all of the patients work outside of the ward; and she as naturally goes to the kitchen, laundry or elsewhere. From Ward 1 the patient goes home, perhaps first spending some days or weeks at the convalescent cottage, where the same atmosphere prevails. The curative value of employment is most manifest in cases of dementia præcox and manic-depressive insanity. Of course few cases of dementia præcox recover; but many remissions occur and many cases are arrested, and employment is one of the most efficient agents to produce these results. The more disturbed chronic patients are also markedly improved by suitable employment. Last summer, when working on the sewer, we employed many patients of this class in excavating and since then shovelling coal, and they have been quieter, more tractable and less inclined to be quarrelsome when so employed. We have also introduced some employments on Ward 7, on the women's side, which is devoted to the care of the more disturbed women patients of the chronic type, with some success. All our bed ticks are now made and all curled hair picked on this ward. Therefore, while we cannot claim great results, we feel that we have made a beginning. It may be interesting as well as instructive in this connection to note that to make use of employment as a curative agent has been the practice of this hospital from the first, and has been advocated by each and every superintendent. The main principles were established as long ago as 1876, as indicated by the report for that year; and, while the system then in vogue has been to some extent modified by time and circumstances, the underlying principles have in the

main remained unchanged and are still in force. They are as follows: —

1. All patients who are physically able should be interested in some suitable employment as soon as the acute symptoms of their mental disorders have subsided.

2. Effort should be made to provide employment that is best adapted in kind and amount to the condition and needs of the individual patient.

3. Occupations should be restricted for the most part to those of direct value to the hospital, regarded as a co-operative community.

4. Parole should be granted to suitable able-bodied patients who are able to work.

This last principle has been modified; for, while we do not grant parole to able-bodied patients who will not work, we do grant parole to suitable patients who are not physically able to work. This modification is consistent; for, while all patients should work who will be benefited thereby, no patient should work who is physically unable, or who will not derive benefit from it.

The old New England co-operative community, — although not so called, — producing all the necessities of life by the labor of its members, was an ideal industrial community. That an institution can only distantly approximate to such a community is very likely true; but that is the ideal toward which we strive, and the closer that we can approximate to it, the nearer we shall draw to success.

In only two instances has the hospital employed the labor of patients commercially, — in the manufacture of brushes and of shoes. The manufacture and sale of brushes was carried on for some twenty years at a financial loss, and finally was abandoned. But the industry, although unprofitable financially, was by no means a failure, for it afforded beneficial employment to many patients, while from its ruins sprang two co-operative industries that are in successful operation at the present time. At another time we made more shoes than we needed for our own use, and sold the surplus. It was found better, however, to confine our output to our own needs, and to divert the extra labor into other channels. Our aim at present is to develop our industries along

the lines of utility, and later on, if found desirable, to add others less useful and more esthetic.

Two hundred and twenty-nine patients — 188 men and 37 women — have had parole of the grounds at some time during the year.

Last year the use of the verandas as out-of-door dormitories from June to September was mentioned. The experiment was so successful and the health and comfort of our patients was so much promoted thereby that we plan to extend their use. We began so to use them this year early in May, and they are still in use. For winter and stormy weather we have equipped them with canvas curtains, which, without keeping out the air, will effectually shield the occupants from wind, rain and snow. About 80 patients are using these open-air dormitories at the present time.

Of the 206 patients dismissed on trial visit, 53, or nearly 26 per cent, were directed to make monthly reports. Of these, 50 were to report in person and 3 by letter. Five failed to report, but the rest reported as requested, for the most part regularly. Of the whole number dismissed on trial visit, 53, or nearly 25 per cent, were returned before the expiration of the period; of these, 6 were of the number making monthly reports, or 11.3 per cent of the whole number reporting. The year's work has confirmed our conviction that this system is of mutual benefit to hospital and patient, many instances having been observed where it has helped to establish the belief that the hospital is a place to get help, rather than a place to be dreaded.

Nine patients — 4 men and 5 women — were received by voluntary commitment.

Dr. Everett M. Brown has satisfactorily done the necessary dental work, 179 different patients receiving treatment.

Thirteen pupils — 1 man and 12 women — graduated from the training school in June, and received diplomas with the regular exercises.

Although it can be readily seen wherein the hospital has benefited much by the maintenance of the training school for nurses, it is also evident that it has not received and is not receiving as much benefit as it should. Although hospitals are often criticized for not employing a higher grade of employees, the fact remains that they try to get the best they can, and the further fact that the

material as a whole is not unpromising. Speaking for this hospital only, the material averages very well, being made up mostly of young men and women from the country. What they need is training or education. Until the establishment of training schools, what training or education they received was obtained in a haphazard way, and even to-day only a small fraction are training in the school. Systematic training is necessary to teach these young people how to perform their duties properly in this hospital, and in no way can it be accomplished except in the school. This year all women attendants are required to take the full course; and all men attendants are instructed in the school on practical subjects, while a larger number of men are taking the full course than for several years.

Here seems the most appropriate place to record the great loss that the hospital and school sustained in the death of the superintendent of the training school, Miss Harriett M. Seaver. Faithful and devoted to her work, she cheerfully performed her duties till death was near at hand. Her memory will linger long with those to whom she ministered.

Miss Rebecca G. Cameron, class of 1904, has been appointed her successor, and will take up her duties early in the coming year. Miss Linda A. Richards, a former most efficient superintendent of the training school, is conducting the school at the present time.

The repairs on the old dwelling house at the Raynham farm have been completed, and it is again occupied; the trunk line sewer has been completed; the new cow barn at the Raynham farm and the extensions to the east and west wings are in process of erection. The above are all provided for by special appropriations. The ordinary repairs, removals and improvements have been numerous and varied, and have taxed the force of hospital employees to the uttermost. The following may be specially mentioned: Two of the women's wards were thoroughly renovated last winter; most of the outside woodwork on the main building was painted last summer; and one of our brick ovens was partially rebuilt and equipped with a hood.

Special attention has been given to the care of acute cases, as usual. We find that out-of-door treatment, supplemented by baths, is most valuable; and we are eagerly anticipating the completion of our extensions, which will provide much-needed facilities.

It is a pleasure to be able to report that our two herds of cows are healthy. They are tested by tuberculin every six months, and all reacting animals are killed. We have had to kill only two cows during the past year. This result has not been obtained without careful work and considerable sacrifice. The cows are kept out of doors practically all the time in the summer, except during storms; and during much of the daytime in the winter, except in stormy and very cold weather. Keeping cows in this way, of course, diminishes the amount of milk obtained, and accordingly increases the cost of producing it. The cost is still further increased by the raising of young stock; but, as an offset, we know that we are supplying our patients with wholesome food.

The Raynham farm continues to prove itself a most valuable adjunct to the hospital. Its normal capacity is 72 patients. During the past five years 103 patients have been cared for there; of these, only 7 have escaped during that same period. Of course no patient is sent there who is known to be liable to run away, or kept there after showing such tendency. On the other hand, there are no bars or guards of any kind on the windows, most of the patients go about unattended, and any one seriously disposed to escape can easily do so. The patients there as a rule keep healthy and happy, showing evidence of the beneficial effect of fresh air, wholesome employment and liberty. Extension of the colony is planned for some time in the near future.

The usual effort has been made to provide wholesome and helpful entertainment for all. The usual line of entertainments on Monday and Wednesday evenings during the colder months, special observation of Fourth of July, Thanksgiving and Christmas, the weekly ball game and picnic during the summer, comprise, as usual, the year's work in this line. In addition, a greater number of patients have participated in the indoor amusements, and in the summer a greater number have availed themselves of the opportunity afforded for outdoor games. We have provided a series of entertainments to be given during the winter on the wards devoted to the care of the more disturbed patients. The first three entertainments have already been given, with a degree of success that is encouraging.

Periodicals were contributed by Dr. Henry R. Stedman of Brookline, Mass., Mr. William Reed, Mr. James P. Rockwell and

Mrs. Alice S. Emery of Taunton, Mass. The New Bedford "Daily Mercury" and the "Old Colony Memorial" have been received, as usual.

No changes in the medical staff have occurred during the year.

Miss Emma G. Burwell, matron, died suddenly on Oct. 7, 1910. Although comparatively a newcomer, she had proved a most efficient manager, and had won the respect, esteem and affection of all with whom she came in contact. Miss Elizabeth M. Best has been appointed her successor.

The death of Mr. William C. Lovering, Congressman for this district, and senior member of your Board, while not wholly unexpected, came nevertheless as a severe shock to all. Appointed a member of your Board in 1877, he served as such continuously until his death, and was ever a faithful and conscientious servant of the State. Although his congressional duties during the last of his service rendered his visits infrequent, in many ways he made his influence felt, and his advice and counsel were highly appreciated.

Again we are glad to express our appreciation of the hearty co-operation of the officers and most of the employees with the administration, while the support and co-operation of your Board has been ever apparent.

ARTHUR V. GOSS,

Superintendent.

PATHOLOGIST'S REPORT.

I have the honor to present the report of the pathological department for the year ending Nov. 30, 1910.

Work has been continued along lines described in other years. The laboratory has received the hearty co-operation of the assistant physicians in obtaining permission for autopsies, and owing to this we have had a considerably larger number of post-mortem examinations than last year.

During the year past there have been 135 deaths, and 46 autopsies have been performed. Of these, 18 were upon men and 26 upon women.

The diagnoses in the cases coming to autopsy were as follows: —

Senile dementia,	17	Acute delirium,	1
General paralysis,	10	Huntingdon's chorea,	1
Dementia præcox,	5	Tabetic psychosis,	1
Manic-depressive insanity,	4	Imbecility,	1
Organic brain disease,	3	Undiagnosed,	1
Involutional melancholia,	2		—
		Total,	46

There have been several cases worthy of report. The microscopic findings in the brain of the Huntingdon's chorea case were especially interesting. The large cells throughout the cerebral cortex showed acute cell changes, — axonal reaction, breaking up of the Nissl-granules and a thickening of the nuclear capsule. These changes were especially marked in the dentate nucleus of the cerebellum and in the Purkinje cells. The anterior horn cells did not show so much change.

The usual clinical examinations are carried on as required: blood, sputa, stomach contents, and the Widal reaction.

A technician has been employed as an assistant in the laboratory, and under the direction of the pathologist has charge of the histological work.

An electric centrifuge has been installed, and greatly facilitates blood and urine examinations.

The card index of psychoses mentioned in the report of last year has been completed. Work is being done on family pathographies along lines suggested by the pathologist to the State Board of Insanity, and in this the new index has been of the greatest value.

The medical conferences are being held regularly. Records of the conferences are filed among the notes of the cases considered, besides which the pathologist keeps a record for general reference.

Original articles have been read and published during the year by members of the staff. They are as follows: —

“A Short Résumé of Senile Dementia,” read before a local medical society.

“Observations on the Use of the Sphygmomanometer as an Aid in the Diagnosis of Mental Disease,” read before the Association of Assistant Physicians of Massachusetts.

“The Alcoholic Psychoses,” published in the Albany “Medical Annals,” December, 1909.

“An Anatomical Analysis of Seventy Cases of Senile Dementia,” published in the “American Journal of Insanity,” April, 1910.

Respectfully submitted,

C. G. McGAFFIN, M.D.,
Pathologist.

TREASURER'S REPORT.

To the Trustees of the Taunton State Hospital.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1910 :—

CASH ACCOUNT.			
Balance Dec. 1, 1909,	.	.	\$3,137 67
<i>Receipts.</i>			
<i>Institution Receipts.</i>			
Board of inmates:—			
Private,	.	\$23,741 83	
Reimbursements,	.	13,833 86	
Cities and towns,	.	13 93	
			\$37,589 62
Salaries, wages and labor:—			
Labor of employees,	.	\$10 00	
Wages not called for,	.	5 80	
			15 80
Sales:—			
Food,	.	\$39 31	
Clothing and materials,	.	790 47	
Furnishings,	.	2 50	
Repairs and improvements,	.	26 10	
Miscellaneous,	.	10 24	
			868 62
Farm, stable and grounds:—			
Cows and calves,	.	\$4 00	
Ice,	.	20 83	
Sundries,	.	77 95	
			102 78
Miscellaneous receipts:—			
Interest on bank balances,	.	\$283 97	
Rent,	.	109 29	
Sundries,	.	210 16	
			603 42
			39,180 24
<i>Receipts from Treasury of Commonwealth.</i>			
Maintenance appropriations:—			
Balance of 1909,	.	\$5,641 14	
Advance money (amount on hand Novem- ber 30),	.	15,000 00	
Approved schedules of 1910,	.	219,127 88	
			239,769 02
Special appropriations,	.		14,411 33
Total,	.		\$296,498 26

Payments.

To treasury of Commonwealth, institution receipts,	\$39,180 24	
Maintenance appropriations: —		
Balance November schedule, 1909,	8,778 81	
Eleven months' schedules, 1910,	219,127 88	
November advances,	7,370 41	
	<hr/>	\$274,457 34
Special appropriations: —		
Approved schedules (less advances of November, 1909),		14,411 33
Balance, Nov. 30, 1910: —		
In bank,	\$6,861 12	
In office,	768 47	
	<hr/>	7,629 59
Total,		<hr/> \$296,498 26

MAINTENANCE.

Appropriation,	\$236,000 00
Expenses (as analyzed below),	235,998 62
	<hr/>
Balance reverting to treasury of Commonwealth,	\$1 38

Analysis of Expenses.

Salaries, wages and labor: —	
General administration,	\$31,339 69
Medical service,	10,520 99
Ward service (male),	21,840 01
Ward service (female),	20,403 89
Repairs and improvements,	6,837 54
Farm, stable and grounds,	8,464 76
	<hr/>
	\$99,406 88
Food: —	
Butter,	\$7,787 29
Butterine,	4,697 49
Beans,	1,285 38
Bread and crackers,	606 39
Cereals, rice, meal, etc.,	1,116 34
Cheese,	137 28
Eggs,	3,522 23
Flour,	8,537 46
Fish,	2,785 27
Fruit (dried and fresh),	4,097 37
Meats,	13,443 24
Milk,	2,079 66
Molasses and syrup,	368 46
Sugar,	3,542 62
Tea, coffee, broma and cocoa,	1,858 42
Vegetables,	1,477 95
Sundries,	2,244 59
	<hr/>
	59,587 44
Amount carried forward,	<hr/> \$158,994 32

Amount brought forward,		\$158,994 32
Clothing and materials: —		
Boots, shoes and rubbers,	\$637 32	
Clothing,	203 04	
Dry goods for clothing and small wares,	2,175 48	
Furnishing goods,	1,073 75	
Hats and caps,	87 54	
Leather and shoe findings,	1,144 27	
Sundries,	771 56	
		6,092 96
Furnishings: —		
Beds, bedding, table linen, etc.,	\$7,165 82	
Brushes, brooms,	512 11	
Carpets, rugs, etc.,	1,146 01	
Crockery, glassware, cutlery, etc.,	752 10	
Furniture and upholstery,	632 14	
Kitchen furnishings,	439 66	
Wooden ware, buckets, pails, etc.,	349 83	
Sundries,	358 38	
		11,356 05
Heat, light and power: —	\$15,473 22	
Freight on coal,	453 59	
Gas,	476 59	
Oil,	430 10	
Sundries,	291 27	
		17,124 77
Repairs and improvements: —		
Brick,	\$57 60	
Cement, lime and plaster,	146 90	
Doors, sashes, etc.,	5 00	
Electrical work and supplies,	618 01	
Hardware,	349 38	
Lumber,	492 14	
Machinery, etc.,	67 38	
Paints, oil, glass, etc.,	1,577 05	
Plumbing, steam fitting and supplies,	1,639 45	
Roofing and materials,	108 51	
Sundries,	1,262 29	
		6,323 71
Farm, stable and grounds: —		
Blacksmith and supplies,	\$470 49	
Carriages, wagons, etc., and repairs,	1,167 43	
Fertilizers, vines, seeds, etc.,	1,747 84	
Hay, grain, etc.,	10,074 73	
Harnesses and repairs,	224 08	
Cows,	120 00	
Other live stock,	89 00	
Rent,	25 00	
Tools, farm machines, etc.,	355 90	
Sundries,	1,197 27	
		15,471 74
Amount carried forward,		\$215,363 55

Amount brought forward, \$215,363 55

Miscellaneous: —

Books, periodicals, etc.,	\$281 59	
Chapel services and entertainments,	1,408 02	
Freight, expressage and transportation,	3,239 28	
Funeral expenses,	152 60	
Gratuities,	933 90	
Hose, etc.,	171 20	
Medicines and hospital supplies,	2,482 74	
Medical attendance, nurses, etc. (extra),	146 50	
Postage,	562 47	
Printing and printing supplies,	629 06	
Printing annual report,	176 29	
Return of runaways,	68 85	
Soap and laundry supplies,	1,485 98	
Stationery and office supplies,	395 04	
Travel and expenses (official),	696 12	
Telephone and telegraph,	722 93	
Tobacco,	842 97	
Water,	4,210 98	
Sundries,	2,028 55	
		<hr/>
		20,635 07
		<hr/>
Total expenses for maintenance,	\$235,998 62	

SPECIAL APPROPRIATIONS.

Balance Dec. 1, 1909,	\$5,125 79	
Appropriations for fiscal year,	77,500 00	
		<hr/>
Total,	\$82,625 79	
Expended during the year (see statement annexed),	14,411 33	
		<hr/>
Balance Nov. 30, 1910,	\$68,214 46	

RESOURCES AND LIABILITIES.

Resources.

Cash on hand,	\$7,629 59	
November cash vouchers (paid from advance money),	7,370 41	
Due from treasury of Commonwealth, account		
November, 1910, schedule,	1,870 74	
		<hr/>
		\$16,870 74

Liabilities.

Schedule of November bills,	\$16,870 74
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Special Appropriations.

OBJECT.	Act or Resolve.	Whole Amount.	Expended during Fiscal Year.	Expended to Date.	Balance at End of Year.
Addition to old buildings,	Acts 1908,	\$2,400 00	\$1,174 28	\$2,400 00	-
Sewerage system,	Acts 1909-10,	11,800 00	8,695 12	11,543 61	\$256 39
Cow barn at Raynham,	Acts 1910,	4,000 00	1,527 92	1,527 92	2,472 08
Accommodations for 80 patients,	Acts 1910,	68,500 00	3,014 01	3,014 01	65,485 99
		\$86,700 00	\$14,411 33	\$18,485 54	\$68,214 ⁴⁶ / ₁₀₀

Respectfully submitted,

FRANK W. BOYNTON,
Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

WARREN A. MERRILL,
Assistant Supervisor of Accounts.

OFFICERS AND THEIR SALARIES.

ARTHUR V. GOSS, M.D., <i>Superintendent</i> ,	\$2,700 00
HORACE G. RIPLEY, M.D., <i>Assistant Physician</i> ,	1,500 00
GEORGE K. BUTTERFIELD, M.D., <i>Assistant Physician</i> ,	1,000 00
RAOUL G. PROVOST, M.D., <i>Assistant Physician</i> ,	800 00
DORA W. FAXON, M.D., <i>Assistant Physician</i> ,	900 00
CHARLES G. MCGAFFIN, M.D., <i>Assistant Physician and Pathol- ogist</i> ,	1,500 00
JOHN J. THOMPSON, M.D., <i>Interne</i> ,	600 00
FRED H. FREEMAN, M.D., <i>Interne</i> ,	500 00
FRANK W. BOYNTON, <i>Treasurer</i> ,	1,200 00
OTIS E. WHITE, <i>Steward</i> ,	1,200 00
JAMES C. FLYNN, <i>Engineer</i> ,	1,200 00

VALUATION.

Nov. 30, 1910.

Land, 333 acres,	\$52,875 00	
Hospital buildings,	315,520 00	
Barns and stables,	45,990 00	
Boiler house buildings,	30,000 00	
Laundry building,	16,000 00	
Industrial building,	12,000 00	
Nurses' home buildings,	69,040 00	
Other buildings and wall,	21,040 00	
		<hr/>
		\$562,465 00
Water system and appurtenances,	\$7,510 75	
Drainage system and appurtenances,	9,082 51	
Heat, light and power,	47,548 00	
Wiring and piping,	102,410 00	
Provisions and groceries,	2,902 91	
Clothing and clothing material,	5,020 12	
Clothing distributed,	2,250 00	
Furnishings,	71,609 02	
Fuel,	7,206 00	
Machinery and mechanical fixtures,	1,026 26	
Live stock on the farm,	10,685 25	
Produce of the farm on hand,	3,875 50	
Carriages and agricultural implements,	5,038 50	
All other property,	738 60	
Miscellaneous,	5,265 16	
		<hr/>
		282,168 58
		<hr/>
		\$844,633 58

FARM PRODUCE.

VALUE OF FARM PRODUCE FROM DEC. 1, 1909, TO NOV. 30, 1910.

210,486	quarts milk,	\$12,629 16
3,048 $\frac{2}{3}$	dozen eggs,	914 60
8	boxes asparagus,	36 00
110 $\frac{1}{2}$	bushels green beans,	82 88
8	bushels wax beans,	6 00
36 $\frac{3}{4}$	bushels shell beans,	45 94
7 $\frac{1}{2}$	bushels lima beans,	3 75
594 $\frac{1}{4}$	bushels beets,	356 55
4	bushels beet greens,	1 40
1,840	pounds cabbages,	9 20
206	bushels carrots,	123 60
22	boxes cauliflower,	22 00
31	boxes celery,	31 00
488	bushels corn,	366 00
97	boxes cucumbers,	145 50
3 $\frac{1}{2}$	pecks cucumber pickles,	2 63
84 $\frac{1}{3}$	boxes lettuce,	63 25
$\frac{1}{2}$	bushel leeks,	25
181 $\frac{2}{3}$	bushels onions,	154 42
3	bushels parsley,	1 50
87	bushels parsnips,	87 00
161	bushels peas,	161 00
44 $\frac{1}{2}$	bushels peppers,	33 38
1,348	bushels potatoes,	943 60
61	pounds pumpkins,	1 83
351 $\frac{1}{2}$	dozen bunches radishes,	87 88
6,964	pounds rhubarb,	139 28
4	pounds sage,	60
58	bushels spinach,	23 20
19,865	pounds winter squash,	297 98
375	pounds summer squash,	3 75
213	bushels ripe tomatoes,	159 75
44 $\frac{1}{2}$	bushels green tomatoes,	22 25
259 $\frac{1}{2}$	barrels turnips,	324 38
76	barrels apples,	228 00
<i>Amount carried forward,</i>		\$17,509.51

Amount brought forward,	\$17,509.51
53 quarts blackberries,	5 30
424 quarts currants,	46 64
355 quarts gooseberries,	39 05
285 pounds grapes,	8 55
129 quarts raspberries,	25 80
3,002 quarts strawberries,	300 20
12 baskets plums,	3 60
7,046 pounds beef,	493 22
37,297 pounds pork,	3,729 70
900 $\frac{3}{4}$ pounds chickens,	216 18
928 pounds fowl,	167 04
51 pounds ducks,	8 16
128 pounds broilers,	35 84
219,500 pounds hay,	2,304 75
419,000 pounds ensilage,	1,047 50
42,000 pounds grass,	105 00
20,000 pounds green rye,	50 00
36,000 pounds green corn fodder,	90 00
2,281 bushels mangel-wurzel,	570 25
46,000 pounds green oats,	115 00
1,850 pounds rowen,	11 10
6,115 feet lumber,	97 84
36 cords wood,	162 00
10 pigs,	50 00
50 calves,	101 00
372 pounds bones,	1 86
2,175 pounds dry bones,	15 22
328 pounds tallow,	9 84
722 pounds hides, grease, junk, etc.,	40 29
1 second-hand cart,	5 00
Total,	\$27,365 44

WORK DONE IN SEWING ROOM

FROM DEC. 1, 1909, TO NOV. 30, 1910.

219 hall sheets.	59 pairs men's suspenders.
166 draw sheets.	1 pair boys' armlets.
14 officers' sheets.	2 boys' blouses.
9 attendants' sheets.	18 rugs bound.
29 officers' pillow slips.	113 mattress ticks.
237 pillow slips.	10 hay bed ticks.
20 bath towels.	8 hassock ticks.
6 dispensary towels.	3 pillow ticks.
63 single roller towels.	5 chair ticks.
29 glass towels.	13 cushion tops.
2 huck towels.	4 lounge covers.
309 bibs.	12 milk strainers.
42 nurses' bibs.	9 coffee strainers.
148 nurses' aprons.	174 sausage bags.
410 nurses' caps.	31 kitchen holders.
33 strong gingham dresses.	1 bed rest covered.
150 wrappers.	53 white curtains.
7 shirt waists.	40 sash curtains.
12 shirt waist suits.	105 screens.
3 chapel dresses.	3 corset covers.
7 wool dresses altered.	13 puff covers hemmed.
7 silk waists altered.	37 puffs stitched.
43 white aprons.	67 puff covers.
14 colored aprons.	6 puff covers made over.
37 kitchen aprons.	42 table cloths.
40 hall laundry bags.	59 table napkins.
11 attendants' laundry bags.	46 bureau covers.
199 long night dresses.	16 commode covers.
40 burial night dresses.	23 stand covers.
39 burial shirts.	1 instrument case.
43 outing flannel shirts.	6 slings.
122 men's colored shirts.	12 dusters.
321 night shirts.	2 abdominal belts.
10 pairs men's drawers.	1 suit.
52 men's neckties.	42 short night dresses.
1 skull cap.	1 clothespin bag.

MENDING DONE ON THE WARDS

FROM DEC. 1, 1909, TO NOV. 30, 1910.

991 pairs drawers.	150 bed ticks.
5,100 pairs men's stockings.	100 sheets.
800 under vests.	1,710 petticoats.
100 hall laundry bags.	540 night dresses.
100 ticking aprons.	405 wrappers.
16 bed spreads.	30 shirt waists.
5 table cloths.	30 corset covers.
7 roller towels.	

MENDING DONE IN SEWING ROOM

FROM DEC. 1, 1909, TO NOV. 30, 1910.

709 pairs drawers.	14 bed spreads.
4,870 pairs men's stockings.	266 hay beds.
66 white shirts.	6 camisoles.
965 colored shirts.	2 wrappers lengthened.
409 under vests.	42 strong gingham dresses.
2 attendants' laundry bags.	8 strong dresses.
115 hall laundry bags.	5 table cloths.
97 ticking aprons.	3 carpets.
2 sweaters.	11 flags.
3 summer coats.	6 curtains.

WORK DONE ON WARDS

FROM DEC. 1, 1909, TO NOV. 30, 1910.

1,065 hall sheets.	19 kitchen holders.
419 draw sheets.	56 sash holders.
14 officers' sheets.	12 screens.
402 attendants' sheets.	5 corset covers.
1,571 pillow slips.	9 puff covers.
990 bath towels.	108 puffs.
16 dispensary towels.	156 table cloths.
832 single roller towels.	645 table napkins.
176 glass towels.	184 bureau covers.
41 huck towels.	67 commode covers.
582 bibs.	27 stand covers.
21 nurses' bibs.	5 large squares.
45 nurses' aprons.	367 small squares.
273 nurses' caps.	97 short night dresses.
419 wrappers.	123 pairs men's stockings.
5 shirt waist suits.	1 dressing sack.
344 white aprons.	1 hat.
177 colored aprons.	5 belts.
225 kitchen aprons.	15 pairs overalls.
14 hall laundry bags.	5 jumpers.
89 attendants' laundry bags.	2 quilts pieced.
285 long night dresses.	85 white-bosomed shirts.
54 burial night dresses.	12 attendants' towels.
48 burial shirts.	6 one-piece dresses.
230 outing flannel shirts.	12 clothespin bags.
478 men's colored shirts.	12 linen lounge covers.
250 night shirts.	168 gingham petticoats.
4 pairs men's drawers.	2 canvas aprons.
30 men's neckties.	6 night shirts altered.
294 pairs men's suspenders.	1 pair flannel stockings.
77 mattress ticks.	1,000 dish towels hemmed.
2 hassock ticks.	9 tray cloths.
2 coffee strainers.	2 dish cloths.
24 sausage bags.	18 woolen shawls knit.

WORK DONE IN TAILOR SHOP

FROM DEC. 1, 1909, TO NOV. 30, 1910.

221 coats made.	2,857 vests repaired and pressed.
79 vests made.	5,734 pairs pants repaired and pressed.
354 pairs pants made.	243 pairs overalls repaired.
117 pairs overalls made.	36 jumpers repaired.
143 jumpers made.	12 camisoles repaired.
2 camisoles made.	9 ladies' skirts repaired and pressed.
170 blankets bound.	4 ladies' coats repaired and pressed.
248 rugs bound.	490 shirts repaired.
99 door mats made.	278 under shirts repaired.
12 pairs mittens made.	505 under drawers repaired.
5 chair cushions made.	335 overcoats repaired and pressed.
1 couch cushion made.	1 sweater repaired.
25 yards carpet sewed.	
3 baseball bases made.	
310 feet lawn tennis tape made.	
8 awnings made.	
3,764 coats repaired and pressed.	

WORK DONE IN MATTRESS SHOP

FROM DEC. 1, 1909, TO NOV. 30, 1910.

628 mattresses made.	12 chair cushions upholstered.
596 pillows made.	4 hassocks upholstered.
520 mattresses renovated.	3 easy chairs repaired.
470 pillows renovated.	2 lounges repaired.
8 lounges upholstered.	2 rocking chairs repaired.
2 sofas upholstered.	4 chair seats repaired.
6 easy chairs upholstered.	17 settee cushions covered.
4 rocking chairs upholstered.	6 hassocks repaired.
10 parlor chairs upholstered.	6 barber chairs repaired.
4 dining-room chairs upholstered.	12 canvas veranda curtains made.
6 chair seats upholstered.	900 pounds curled hair hand picked.

WORK DONE IN CHAIR SHOP

FROM DEC. 1, 1909, TO NOV. 30, 1910.

600 chairs scraped, shellacked and varnished.	60 hall settees scraped, shellacked and varnished.
150 chairs varnished.	185 grove settees painted.
44 chairs cane seated.	6 bedsteads painted.
30 chairs basket seated.	9 bureaus scraped and painted.
24 chairs basket seated and backed.	

WORK DONE IN SHOE SHOP

FROM DEC. 1, 1909, TO NOV. 30, 1910.

360 pairs shoes made.	20 pairs rubber boots repaired.
860 pairs slippers made.	92 pairs rubber heels repaired.
202 pairs moccasins made.	34 rubber cushions repaired.
2,857 pairs shoes repaired.	13 pairs rubber lifts put on
26 pairs straps repaired.	1,092 pairs rubber heels put on.

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

1. — General Statistics of the Year.

[illegible]

1. — General Statistics of the Year — Concluded.

	INSANE.			VOLUNTARY NOT INSANE.			TEMPORARY CARE.			NOT INSANE.			INEBRIATES.			AGGREGATES.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients remaining Sept. 30, 1910,	540	468	1008	—	1	1	—	—	—	—	—	—	—	—	—	540	471	1,011
Viz.: regularly committed,	538	468	1006	—	1	1	—	—	—	—	—	—	—	—	—	538	470	1,008
emergency,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
voluntary,	2	—	2	—	1	1	—	—	—	—	—	—	—	—	—	2	1	3
temporary care,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
supported as State patients,	467	365	832	—	1	1	—	—	—	—	—	—	—	—	—	467	368	835
supported as reimbursing patients,	38	34	72	—	—	—	—	—	—	—	—	—	—	—	—	38	34	72
supported as private patients,	35	69	104	—	—	—	—	—	—	—	—	—	—	—	—	35	69	104
Number of different persons within the year,	800	682	1482	—	1	1	—	—	—	—	—	—	—	—	—	802	689	1491
Number of different persons admitted,	264	223	487	—	—	—	—	—	—	—	—	—	—	—	—	266	234	500
Number of different persons admitted from the community,	260	216	476	—	—	—	—	—	—	—	—	—	—	—	—	260	218	478
Number of different persons dismissed,	263	214	477	—	—	—	—	—	—	—	—	—	—	—	—	265	222	487
Number of different persons dismissed to the community,	194	146	340	—	—	—	—	—	—	—	—	—	—	—	—	196	153	349
Number of different persons recovered,	28	31	59	—	—	—	—	—	—	—	—	—	—	—	—	31	29	60
Number of different persons capable of self-support,	23	24	47	—	—	—	—	—	—	—	—	—	—	—	—	23	29	52
Daily average number of patients,	533.31	448.87	982.18	—	1	1	.59	.19	.78	—	—	—	—	—	—	533.90	452.40	986.30
Viz.: State patients,	448.81	355.73	804.54	—	1	1	.59	.19	.78	—	—	—	—	—	—	449.40	358.65	808.05
reimbursing patients,	48.20	30.95	79.15	—	—	—	—	—	—	—	—	—	—	—	—	48.20	30.95	79.15
private patients,	36.30	62.19	98.49	—	—	—	—	—	—	—	—	—	—	—	—	36.30	62.80	99.10
Whole number of emergency admissions,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whole number of voluntary admissions,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	6	11
Daily average number of voluntary patients,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	.80	1.80
Whole number of temporary care admissions,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	3	8
Daily average number of temporary care patients,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	.17	.20	.37

2. — Insane received on First and Subsequent Commitments.

NUMBER OF THE ADMISSION.	CASES COMMITTED.		
	Males.	Females.	Totals.
First to this hospital,	231	180	411
Second to this hospital,	16	20	36
Third to this hospital,	5	9	14
Fourth to this hospital,	1	1	2
Fifth to this hospital,	1	1	2
Sixth to this hospital,	1	-	1
Ninth to this hospital,	1	-	1
Tenth to this hospital,	1	-	1
Twenty-second to this hospital,	1	-	1
Total cases,	258	211	479
Total persons,	255	209	464
Never before in any hospital for the insane,	207	173	380

3. — Nativity and Parentage of Insane Persons first admitted to Any Hospital.

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts,	87	48	54	66	35	33	153	83	87
Other New England States,	18	13	13	14	17	15	32	30	28
Other States,	5	3	3	12	7	9	17	10	12
Total natives,	110	64	70	92	59	57	202	123	127
Other countries: —									
Austria,	2	2	2	2	2	2	4	4	4
Azores,	8	6	6	9	11	9	17	17	15
Canada,	19	23	23	16	19	18	37	42	41
England,	12	18	18	16	19	18	28	37	36
Finland,	3	2	2	2	2	2	5	4	4
France,	2	2	2	-	-	-	2	2	2
Germany,	2	2	2	1	1	1	3	3	3
Greece,	1	1	1	-	-	-	1	1	1
Hungary,	-	-	-	1	1	1	1	1	1
Ireland,	30	53	53	23	38	43	53	91	96
Italy,	3	2	2	1	-	-	4	2	2
Norway,	1	1	1	-	-	-	1	1	1
Poland,	1	1	1	1	1	1	2	2	2
Russia,	8	8	8	4	5	5	12	13	13
Scotland,	2	2	2	2	2	4	4	4	6
Sweden,	-	-	-	2	3	2	2	3	2
Total foreign,	94	123	123	80	104	106	174	227	229
Unknown,	3	20	14	1	10	10	4	30	24
Totals,	207	207	207	173	173	173	380	380	380

4. — *Residence of Insane Persons admitted from the Community.*

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable County,	3	7	10	—	3	3	3	10	13
Bristol County,	126	90	216	20	19	39	146	109	255
Dukes County,	—	2	2	1	1	2	1	3	4
Essex County,	4	5	9	1	—	1	5	5	10
Middlesex County,	—	2	2	—	—	—	—	2	2
Nantucket County,	—	—	—	1	—	1	1	—	1
Norfolk County,	4	20	24	13	3	16	17	23	40
Plymouth County,	51	34	85	14	11	25	65	45	110
Suffolk County,	19	13	32	3	6	9	22	19	38
Totals,	207	173	380	53	43	96	260	216	476
Viz.: cities or towns (10,000 or over),	132	123	255	35	28	63	167	151	318
country districts (under 10,000),	75	50	125	18	15	33	93	65	158

5. — *Civil Condition of Insane Persons first admitted to Any Hospital.*

	Males.	Females.	Totals.
Unmarried,	91	49	140
Married,	73	85	158
Widowed,	37	31	68
Divorced,	4	7	11
Totals,	205	172	377
Unknown,	2	1	3
Totals,	207	173	380

6. — Occupations of Insane Persons first admitted to Any Hospital.

MALES.

Baker,	1	Mill operatives,	16
Blacksmith,	1	Music writer,	1
Bookbinder,	1	No occupation,	33
Butchers,	2	Painters,	5
Carpet layer,	1	Peddlers,	2
Carpenters,	4	Photographer,	1
Chauffeur,	1	Physician,	1
Clergyman,	1	Porter,	1
Clerks,	7	Printers,	3
Coachmen,	3	Policeman,	1
Comb maker,	1	Railroad flagman,	1
Dentist,	1	Shipper,	1
Electrician,	1	Shoe operatives,	12
Engineers,	3	Stone cutters,	3
Farmers,	8	Student,	1
Fireman,	1	Suspender maker,	1
Fishermen,	2	Tailors,	3
Glass cutters,	2	Tackmaker,	1
Iron molders,	3	Teamsters,	7
Janitors,	3	Teacher,	1
Jewelers,	6	Waiter,	1
Laborers,	41	Woodworker,	1
Lineman,	1		
Longshoreman,	1	Total,	203
Machinists,	4	Unknown,	4
Mariner,	1		
Merchants,	5	Total,	207

6. — Occupations of Insane Persons first admitted, etc. — Concluded.

FEMALES.

Bookkeeper,	1	Nurse,	1
Dressmaker,	1	No occupation,	38
Domestics,	36	Shoe operatives,	5
Elocutionist,	1	Students,	2
Housekeepers,	8	Telephone operative,	1
Housewives,	52	Tailoress,	1
Jewelers,	4	Waitresses,	2
Laundresses,	3		
Mill operatives,	17	Total,	173

7. — *Ages of Insane at First Attack, Admission and Death.*

AGES.	FIRST ADMITTED TO ANY HOSPITAL.				DIED.			
	AT FIRST ATTACK.		WHEN ADMITTED.		AT FIRST ATTACK.		AT TIME OF DEATH.	
	Males.	Females.	Totals.		Males.	Females.	Totals.	
Congenital,	7	3	10	—	2	1	3	—
15 years and less,	2	3	5	1	—	—	—	—
From 15 to 20 years,	6	6	12	8	2	2	4	—
20 to 25 years,	7	14	21	13	3	—	3	2
25 to 30 years,	7	18	25	23	2	6	8	3
30 to 35 years,	14	14	28	17	5	2	7	6
35 to 40 years,	13	10	23	22	6	4	10	11
40 to 50 years,	19	20	39	21	11	8	19	26
50 to 60 years,	19	11	30	24	9	11	20	24
60 to 70 years,	20	15	35	27	10	9	19	27
70 to 80 years,	9	14	23	9	6	15	21	31
Over 80 years,	1	1	2	5	4	—	4	17
Totals,	124	129	253	206	60	58	118	147
Unknown,	83	44	127	1	21	9	30	1
Totals,	207	173	380	207	81	67	148	148
Mean known ages (in years),	45.6	42.7	44.1	43.7	49.8	53.0	51.4	61.0

8. — *Probable Causes of Mental Disease in Persons first admitted to Any Hospital.*

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.					
	Males.	Females.	Totals.	HEREDITARY TENDENCY.		NEUROTIC TENDENCY.		ALCOHOLIC TENDENCY.	
				Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Physical.</i>									
Alcoholic intemperance,	76	8	84	8	-	8	68	3	71
Alcoholic intemperance and heredity,	4	1	5	3	-	3	1	-	1
Alcoholic intemperance and opium,	1	-	1	-	-	-	1	-	1
Alcoholic intemperance and pneumonia,	3	1	4	1	-	1	2	-	2
Alcoholic intemperance and worry,	3	1	4	1	-	1	-	-	-
Arteriosclerosis,	9	1	10	1	-	1	-	-	-
Acute phthisis and worry,	7	1	8	1	-	1	2	-	2
Congenital,	9	1	10	1	-	1	-	-	-
Cerebral hemorrhage,	7	1	8	1	-	1	-	-	-
Childbirth,	1	1	2	-	-	-	-	-	-
Cocaine and alcohol,	1	4	5	-	-	-	-	-	-
Deprivation,	5	2	7	2	-	2	-	-	-
Epilepsy,	1	-	1	-	-	-	-	-	-
Exhaustion,	1	-	1	-	-	-	-	-	-
Fever,	1	1	2	-	-	-	-	-	-
Heredity,	8	28	36	8	28	36	-	-	-
Heredity and overwork,	-	2	2	-	2	2	-	-	-
Heredity and menopause,	-	2	2	-	2	2	-	-	-
Heredity and worry,	-	1	1	-	1	1	-	-	-
Heredity and alcohol,	-	2	2	-	2	2	-	-	-
Menopause,	5	5	10	-	-	-	-	-	-
Senility,	34	28	62	2	-	2	6	1	7
Senility and heredity,	-	4	4	-	3	3	-	-	-

8. — Probable Causes of Mental Disease in Persons first admitted to Any Hospital — Concluded.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.										
	Males.	Females.	Totals.	HEREDITARY TENDENCY.			NEUROTIC TENDENCY.			ALCOHOLIC TENDENCY.				
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.		
<i>Physical — Con.</i> Senility and arteriosclerosis, . . . Surgical operation, . . . Syphilis, . . . Trauma, . . . Trauma and alcohol, . . .	1	2	1	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	3	—	3	—	—	—	—	—	—	—	—	—	—	—
	2	—	2	—	—	—	—	—	—	—	—	—	—	—
	—	1	1	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Mental.</i> Overwork and worry, . . . Totals, . . . Unknown, . . . Totals, . . .	—	6	6	—	—	—	—	—	—	—	—	—	—	—
	157	110	267	26	38	64	1	2	3	80	5	85	—	—
	50	63	113	—	—	—	—	—	—	—	—	—	—	—
	207	173	380	26	38	64	1	2	3	80	5	85	—	—

9. — Probable Duration of Mental Disease before Admission.

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.		
	Males.	Females.	Totals.
Congenital,	7	8	15
Under 1 month,	26	25	51
From 1 to 3 months,	20	18	38
3 to 6 months,	13	15	28
6 to 12 months,	13	9	22
1 to 2 years,	17	9	26
2 to 5 years,	17	30	47
5 to 10 years,	12	10	22
10 to 20 years,	3	9	12
Over 20 years,	3	—	3
Totals,	131	133	264
Unknown,	76	40	116
Totals,	207	173	380
Average known duration (in years), .	6.7	3.08	4.89

10. — *Form of Mental Disease in Patients committed or discharged, with their Condition on Discharge, or died.*

FORM OF DISEASE.	COMMITTED.			DISCHARGED.						DIED.			TOTAL DISCHARGES AND DEATHS.									
	Males.	Females.	Totals.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			Males.	Females.	Totals.	
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.				
A. — First admitted to any hospital: —																						
Imbecility,	9	8	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	2	6
Psychopathic inferiority,	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Dementia præcox,	43	57	100	2	2	4	2	4	6	9	2	17	3	4	7	7	11	23	17	23	40	
General paralysis,	20	6	26	—	—	—	—	—	—	—	—	—	2	1	3	2	25	3	26	5	3	
Organic brain disease,	8	8	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	5	
Involution psychosis,	3	8	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	7	
Senile dementia,	35	34	69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	2	
Manic-depressive insanity,	5	14	19	3	7	10	3	5	8	2	3	5	2	1	3	4	2	25	29	7	19	
Paranoid condition,	5	8	13	2	—	2	1	—	1	1	—	1	—	—	—	—	—	—	4	1	5	
Epileptic insanity,	3	3	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	3	
Alcoholic insanity: —																						
Acute,	21	5	26	9	5	14	2	—	2	1	—	1	—	—	—	—	—	—	12	5	17	
Chronic,	26	2	28	3	—	3	3	1	4	4	—	4	—	—	—	—	—	—	13	1	14	
Delirium tremens,	7	—	7	4	—	4	1	—	1	—	—	—	—	—	—	—	—	6	—	6		
Toxic insanity, acute: —																						
Cocaine,	—	1	1	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	2	2	
Morphinism,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Opium,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Acute hallucinosis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Traumatic psychosis,	2	1	3	—	2	2	1	—	1	—	—	—	—	—	—	—	—	—	1	2	3	
Korsakow's psychosis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Undiagnosed,	12	8	20	—	—	—	—	—	3	1	1	1	1	1	3	4	1	7	5	12	19	
Acute delirium,	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	4	6	
Exhaustion psychosis,	2	3	5	3	—	3	1	—	1	—	—	—	—	—	—	—	—	5	1	6	7	
Arteriosclerosis,	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2	3	
Acute confusional insanity,	—	3	3	—	3	3	—	—	—	—	—	—	—	—	—	—	—	3	1	4	5	
Huntingdon's chorea,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Chronic mania,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Paranoia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Locomotor ataxia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totals,	207	173	380	25	20	45	15	18	33	21	13	34	12	12	24	67	55	122	143	118	261	

B. — Other admissions: —

B. — Other admissions: —														
Imbecility,	3	1	4	—	—	—	—	—	—	—	—	—	—	—
Dementia præcox,	12	15	27	—	—	—	—	—	—	—	—	—	—	—
General paralysis,	4	1	5	—	—	—	—	—	—	—	—	—	—	—
Organic brain disease,	2	2	4	—	—	—	—	—	—	—	—	—	—	—
Involution psychosis,	1	5	6	—	—	—	—	—	—	—	—	—	—	—
Senile dementia,	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Manic-depressive insanity,	15	10	25	—	—	—	—	—	—	—	—	—	—	—
Paranoid condition,	2	3	5	—	—	—	—	—	—	—	—	—	—	—
Epileptic insanity,	2	2	2	—	—	—	—	—	—	—	—	—	—	—
Alcoholic insanity: —														
Acute,	1	2	3	—	—	—	—	—	—	—	—	—	—	—
Chronic,	6	—	6	—	—	—	—	—	—	—	—	—	—	—
Delirium tremens,	2	—	2	—	—	—	—	—	—	—	—	—	—	—
Undiagnosed,	5	2	7	—	—	—	—	—	—	—	—	—	—	—
Psychopathic inferiority,	1	1	2	—	—	—	—	—	—	—	—	—	—	—
Sydenham's chorea with psychosis,	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Acute hallucinosis,	—	1	1	—	—	—	—	—	—	—	—	—	—	—
Traumatic psychosis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic mania,	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Toxic insanity, chronic: —														
Morphinism,	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals,	56	45	101	3	11	14	8	6	14	5	6	11	1	2
Aggregate cases,	263	218	481	28	31	59	23	24	47	26	19	45	13	14
Aggregate persons,	255	209	464	28	31	59	21	24	45	26	19	45	13	14

11. — Discharges of the Insane, classified by Admission and Result, and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, . . .	25	23	48	16	19	35	22	14	36	12	12	24	3	-	3	70	57	127	148	125	273
Second to this hospital, . . .	3	5	8	3	5	8	3	4	7	1	2	3	-	-	-	8	6	14	18	22	40
Third to this hospital, . . .	-	1	1	-	-	-	1	1	2	-	-	-	-	-	-	1	2	3	2	4	6
Fourth to this hospital, . . .	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	2	2	1	3	4
Fifth to this hospital, . . .	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Seventh to this hospital, . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	1
Eighth to this hospital, . . .	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1	2	-	2
Ninth to this hospital, . . .	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Tenth to this hospital, . . .	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Totals,	28	31	59	23	24	47	26	19	45	13	14	27	3	-	3	81	67	148	174	155	329
First admitted to any hospital, . . .	28	20	48	14	18	32	22	13	35	12	12	24	3	-	3	67	55	122	147	118	265

12. — Cause of Death, and Form of Mental Disease in Persons who died — Continued.

CAUSE.	AGGREGATES.			DEMENTIA PRÆCOX.			EPILEPTIC INSANITY.			ALCOHOLIC INSANITY.			GENERAL PARALYSIS.			INVOLUTION PSYCHOSIS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Diseases of Circulatory System — Con.</i>																		
Arteriosclerosis, sclerosis of aortic valves and coronary arteries, . . .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Degeneration of arteries, disease of aortic valve and senile dementia, . .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Organic heart disease,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Organic heart disease, acute gastritis and senile dementia,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Organic heart disease and involution psychosis,	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Organic heart disease and organic brain disease,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Organic heart disease, pulmonary tuberculosis and chronic mania, . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Organic heart disease, pulmonary tuberculosis and dementia præcox, . .	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Rupture of right cardiac ventricle and senile dementia,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Valvular heart disease,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of Respiratory System.</i>																		
Acute bronchitis and exhaustion phsycosis,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Broncho-pneumonia,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Broncho-pneumonia and acute delirium,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Broncho-pneumonia and dementia præcox,	—	2	2	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—
Broncho-pneumonia and general paralysis,	10	1	11	—	—	—	—	—	—	—	—	—	10	1	11	—	—	—
Broncho-pneumonia and imbecility,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Broncho-pneumonia and manic-depressive insanity,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Broncho-pneumonia and organic brain disease,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Broncho-pneumonia and paranoia,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Broncho-pneumonia, tuberculosis of kidneys and general paralysis, . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Broncho-pneumonia and senile dementia,	6	3	9	—	—	—	—	—	—	—	—	—	1	1	2	—	—	—
Chronic bronchitis and senile dementia,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic bronchitis, arthritis deformans and senile dementia,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Inflammation of right lung and weak, flabby, dilated heart,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lobar pneumonia,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lobar pneumonia and acute diffuse nephritis,	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lobar pneumonia, acute enteritis and senile dementia,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lobar pneumonia and dementia præcox,	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lobar pneumonia and locomotor ataxia,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lobar pneumonia and general paralysis,	2	—	2	—	—	—	—	—	—	—	—	—	2	—	2	—	—	—

Lobar pneumonia and manic-depressive insanity,	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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12. — Cause of Death, and Form of Mental Disease in Persons who died — Continued.

CAUSE.	SENILE DEMENTIA.			ORGANIC BRAIN DISEASE.			MANIC-DEPRESSIVE INSANITY.			ACUTE DELIRIUM.			CHRONIC MANIA.			IMBECILITY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Diseases of Digestive System — Con.</i>																		
Acute enteritis and manic-depressive insanity,	1	.	.	.	.	.	.	.	.	.
Acute enteritis and senile dementia,	4	4	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.
Chronic enteritis and general paralysis,	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chronic enteritis and manic-depressive insanity,	1	1	.	.	.	.	1	1	.	.	.	.	.	.	.	.	.
Chronic enteritis and senile dementia,	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chronic constipation and senile dementia,	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Dysentery and involution psychosis,	3	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Acute gastritis and senile dementia,
Acute gastritis and dementia præcox,
Acute gastritis and involution psychosis,
Acute gastroenteritis and dementia præcox,
Acute gastroenteritis and manic-depressive insanity,	1	1	.	.	.	.	.	.	.	.	.
Acute gastroenteritis and general paralysis,
Acute enterocolitis and senile dementia,	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Gastroenteritis and paranoia,
Cholecystitis and dementia præcox,
Acute intestinal obstruction and chronic mania,
Peritonitis and pernicious anemia,	1	1	1	.	.	.
Peptic ulcer and manic-depressive insanity,	1	1	.	.	.	.	.	.	.	.	.
<i>Diseases of Genito-urinary System.</i>																		
Acute nephritis,	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.
Acute nephritis and senile dementia,	1	1	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Chronic nephritis and dementia præcox,
Chronic cystitis, pyelonephritis and locomotor ataxia,
Totals,	27	27	54	7	3	10	2	6	8	2	2	4	1	2	3	2	1	3

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION.			WHOLE KNOWN PERIOD OF MENTAL DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Recovered: —												
Under 1 month, . . .	5	7	12	4	1	5	—	7	7	—	—	—
From 1 to 3 months, . . .	6	5	11	7	9	16	8	—	2	—	3	3
3 to 6 months, . . .	2	2	4	5	5	10	1	5	—	1	1	2
6 to 12 months, . . .	1	1	2	5	3	8	3	2	3	1	1	2
1 to 2 years, . . .	1	—	1	1	2	3	3	2	3	1	4	4
2 to 5 years, . . .	1	1	2	2	—	2	1	2	2	1	2	3
5 to 10 years, . . .	—	2	2	1	—	1	—	—	—	—	—	—
10 to 20 years, . . .	—	—	—	—	—	—	—	—	—	—	—	—
Over 20 years, . . .	1	—	1	—	—	—	1	—	—	—	—	—
Totals, . . .	17	18	35	25	20	45	17	18	35	2	8	10
Unknown, . . .	8	2	10	—	—	—	8	2	10	1	3	4
Totals, . . .	25	20	45	25	20	45	25	20	45	3	11	14
Average of known cases (in months),	11.9	10.1	11.04	10.2	5.19	7.89	26.6	14.8	20.5	8.0	31.0	19.0
										51.4	15.9	33.6

FIFTY-EIGHTH ANNUAL REPORT

OF

THE TRUSTEES

FOR THE

TAUNTON STATE HOSPITAL,

FOR THE

YEAR ENDING NOVEMBER 30, 1911.



BOSTON:

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,
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TAUNTON STATE HOSPITAL.

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TREASURER.

FRANK W. BOYNTON,	TAUNTON.
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Office at Hospital.

The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

TAUNTON STATE HOSPITAL,
TAUNTON, MASS., Dec. 14, 1911.

To His Excellency the Governor and the Honorable Council.

The trustees of the Taunton State Hospital herewith submit their fifty-eighth annual report, with the reports of the superintendent and treasurer and the statistics required by law.

The daily average number of patients in the hospital was 1,002.65, — 16.35 more than during the year preceding. Five hundred and fourteen patients — 299 men and 215 women — were admitted. The whole number under treatment was 1,525 or 52 less than in 1910. Forty-eight patients were discharged recovered and 48 as capable of self-support, 51 as improved, 1 as not insane and 149 died.

The new wards for the treatment of acute cases, fully equipped with the most approved hydrotherapeutic appliances, and those for tuberculous patients are practically completed and will soon be occupied. The congregate dining rooms in the same buildings are already in use.

The employment of patients, which has long been a special feature of the hospital routine, has been extended. Over 73 per cent. of the average number of patients resident, excluding those who were either bedridden or otherwise physically incapacitated for work of any sort, have been engaged in some kind of useful employment, 62 per cent. of them working outside of the wards. A new workshop has been opened which will be the headquarters of future industries. The making of brooms has been taken up and the hospital is fully supplied with them. Raffia work and lace-making have also been introduced for the less able-bodied patients,

chiefly women, but these handicraft diversions are not allowed to interfere with the more beneficial, appropriate and useful kinds of work with which the insane of the poorer class are familiar.

The number and variety of entertainments have been somewhat increased. Those given on the wards, for the more disturbed patients who cannot attend the regular entertainments which are enjoyed by the others, have proved very successful.

There has been much unnecessary public comment of late on the use of restraint and seclusion in our hospitals for the insane, and attention is therefore called to the practice in that regard in this institution as described in the superintendent's report. His tables for the past five years show a regularly progressive reduction in the limited use of these measures here. In November, 1911, no case of mechanical restraint was reported, and but 4 of seclusion, the sum of whose combined confinement in this way did not exceed thirty-two days. It is therefore plain that no legislation was needed to accomplish this result.

As no allusion has ever been made in our trustees' reports to the important matter of the care of the patients' teeth it seems worth while to call attention to the superintendent's account of the work of the dentistry department of the hospital.

The training school for both men and women nurses established in 1894 has been quite successful from the start. Recently it has been completely reorganized and its scope and efficiency increased. Since Oct. 1, 1910, the full course of instruction has been required of all women, and since June 1, 1911, of all men, nurses in the hospital, and by an arrangement with the Boston City Hospital our advanced pupils have also the privilege of six months of service in that institution.

The overcrowding of the hospital, which is filled far beyond its normal capacity, has reached a point where prompt relief is necessary. By erecting a kitchen and dining-room building at the Raynham farm colony and utilizing for dormitories space now used for dining rooms, 27 more patients could be accommodated and other advantages gained. A farm colony group for 100 women should also, we believe, be established on our Davis Street property, two miles from the hospital, in a suitable locality. We there-

fore have made the necessary plans, specifications and estimates and respectfully ask for the following appropriations: —

For a kitchen and dining-room building at the Raynham farm colony,	\$12,000 00
For a colony group of buildings for 100 women on the Davis Street property,	50,000 00
	<hr/>
Total,	\$62,000 00

The multifarious work of the hospital has been satisfactorily performed in all its departments under the painstaking management of the superintendent.

- HENRY R. STEDMAN.
ELIZABETH C. M. GIFFORD.
EDWARD LOVERING.
SIMEON BORDEN.
JAMES P. FRANCIS.
SUSAN E. LEAROYD.
LOYED E. CHAMBERLAIN.

SUPERINTENDENT'S REPORT.

To the Trustees of the Taunton State Hospital.

In compliance with the by-laws of your Board, I present you with the fifty-eighth annual report of the superintendent for the year ending Nov. 30, 1911.

At the beginning of the year there were in the hospital 1,011 patients, — 540 men and 471 women. During the year 514 patients — 299 men and 215 women — were admitted; 241 men and 163 women by regular commitment, 4 men and 3 women by voluntary commitment, 4 men and 2 women for temporary care, 3 men and 2 women for observation, 1 man and 9 women by transfer, 6 men and 2 women from visit, 3 men from escape, and 76 nominally admitted for discharge, making the whole number under treatment, 1,525, — 52 less than the previous year. Forty-eight were discharged as recovered, 48 as capable of self-support, 51 as improved, 29 as not improved, 1 as not insane, and 140 died. Of the 546 cases dismissed, 3 women were under commitment as inebriates or dipsomaniacs and were discharged as capable of self-support. The daily average number of patients was 1,002.65,— 16.35 more than the previous year.

Of those discharged recovered, 11 had been insane less than one month, 11 less than twelve months, and the whole duration of insanity in 64.7 per cent. of those who recovered did not exceed one year.

Transfers by the State Board of Insanity were as follows: 61 to the Medfield State Asylum, 34 to the Foxborough State Hospital, 21 to the Worcester State Asylum, 4 to the Monson State Hospital, 3 to the Bridgewater State Hospital, 3 to the McLean Hospital, 2 to Dr. Coon's Sanatorium, 1 to the State Infirmary at Tewksbury, 1 to Wellesley Nervine, 1 to Massachusetts School for the Feeble-minded, 11 to family care, 4 to leave State, and 11 to be deported by the Commissioner of Immigration.

The number of recoveries is 11 less than the previous year. The percentage of recoveries calculated on the admissions is 10.9; calculated on the discharges, 10.2.

One hundred and forty patients died during the year, — 8 less than the previous year. The percentage of deaths calculated on the daily average number of patients is 13.96; calculated on the whole number under treatment, 9.68. Forty-four cases were of pneumonia, with 34 deaths, 19 of erysipelas, with 4 deaths, 13 of dysentery, with 1 death, and 56 of other acute enteric disorders, with 16 deaths.

Eight patients — 5 men and 3 women — are showing acute symptoms of tuberculosis, while 17 patients — 3 men and 14 women — are showing less active symptoms of the same disease.

Dr. Everett M. Brown of Boston, who has served as dentist for nearly two years, has been obliged to discontinue his services and has been succeeded by Dr. Charles J. Carey of Taunton, who is doing satisfactory work. The year's dental work is as follows: 102 sets of teeth cleaned; 101 teeth filled; 16 teeth treated; 226 teeth extracted.

During the year we have fitted about 100 pairs of glasses in cases where the correction was slight, — mostly cases of presbyopia. About 15 more difficult cases have been examined and fitted with glasses by an outside oculist.

During the year, 983 patients — 553 men and 430 women — or 67 per cent. of the whole number of persons under treatment, have been engaged in some useful employment. Of this number, 607 were employed in other than ward work and 376 in ward work only. The daily average number of patients employed was about 621, — 340 men and 281 women. Of these, 385, or 62 per cent., were engaged in other than ward work, and 236, or 38 per cent., in ward work only. As a full and detailed account of the system of employment in this institution together with its present and past status was given in the last annual report, all that seems necessary in this present report is a statement of progress for the year together with future plans.

We have increased men's industries by the addition of another industrial shop. At present we are making there enough brooms and brushes for our own use, and we plan to make this shop the headquarters of other industries in the near future. Gratifying

progress has been made in advancing industrial work among the women, about 11 per cent. more being employed than the previous year.

We closed our report on industries last year as follows: "Our aim at present is to develop our industries along the lines of utility, and later on, if found desirable, to add others less needful and more esthetic." In accord with this policy, as the time seems ripe to introduce some of the more ornamental industries, we have at the present time several classes of nurses under instruction in basketry, raffia work and lace making. When these pupils are sufficiently advanced they will instruct patients in these industries. The two classes of patients that most need industrial development are the more disturbed class and the apathetic, demented class. With both of these classes we have made some progress during the past year, and we intend to pay special attention to them the coming year.

In this connection we would call attention to the fact that this hospital in common with others in the State is overcrowded, with no relief in sight, as our district keeps us filled beyond our normal capacity in spite of numerous transfers. It, therefore, seems imperative that our capacity be increased. As such excellent results are obtained by means of the farm colony plan, extension along this line seems most advisable. By erecting a kitchen and dining room at the Raynham farm colony, and utilizing for dormitories space now used for dining rooms, 27 more patients could be cared for, bringing the number up to 100, a more economical unit than the present; while by serving meals to all, both employees and patients, in one building, a more simple and economical administration can be obtained.

As appropriate out-of-door occupation has proved as beneficial for women as for men, as noted in the annual reports for the past two years, it seems advisable that a farm colony group be provided for women. Plans, specifications and estimates have been prepared for a kitchen and dining-room building at the Raynham farm colony and also for a farm colony group for 100 women, to be situated on our Davis Street property, in a quiet and retired part of the town, about 2 miles from the hospital proper, where the patients can live a healthy, normal, out-of-door life.

I therefore recommend that two special appropriations be requested, as follows: —

For kitchen and dining-room building at the Raynham farm colony,	\$12,000 00
For a colony group of buildings for 100 women on the Davis Street property,	50,000 00
Total,	\$62,000 00

Two hundred and two patients — 169 men and 33 women — have had parole of the grounds at some time during the year.

In the annual report for last year the necessity of educating nurses was mentioned. This necessity was recognized in this institution many years ago, and a training school for nurses was established to meet this need, and each succeeding year we have striven to raise our standard higher. The school was established by the late Dr. John P. Brown in 1894. From its organization it was open to both men and women, attendance being optional.

The first class, consisting of 8 — 4 men and 4 women — graduated in June, 1898, and a class has graduated each succeeding year. The total number of graduates is 131, — 36 men and 95 women. Only one graduating class has contained no men. The first superintendent of nurses was Miss Linda A. J. Richards, who was appointed in 1899. Previous to her appointment, Miss B. S. Holt and Miss Mary H. Hewett, two supervisors, both graduate nurses, had served as instructors in the school. Under Miss Richards' able management the school was reorganized and its efficiency much increased.

Miss Richards resigned in 1903 and was succeeded by Miss Harriet M. Seaver, who conducted the school until her death in 1910. During her term of service she steadily advanced the standard of the school, and accepted nothing but work of the first quality. After Miss Seaver's death Miss Richards returned as acting superintendent of nurses, retiring February, 1911, as superintendent of nurses, emeritus. She was succeeded by our present superintendent of nurses, Miss Rebecca G. Cameron, a graduate of our school, class of 1904, under whose competent management the school has been completely reorganized and its scope and efficiency much increased. From the first the value of

the school has been apparent, but attendance being optional a sufficient number did not avail themselves of the privilege, and each year it became apparent that much energy and expense was being expended for the benefit of a comparative few, as the majority of men and a too large proportion of women remained outside the school and received only indirect benefit from the same, while the hospital derived only a portion of the benefit that it was striving to obtain. Careful study of the situation extending over a number of years, by several interested in the work, resulted in each and all independently coming to the conclusion that it was the plain duty of the hospital to train all engaging in its ward service, and that only by so doing could the results sought be even approximately obtainable.

This decision having been reached prompt action was taken, but without undue haste. From Oct. 1, 1910, school attendance was required of all women, and from June 1, 1911, of all men. We have found the full school course as beneficial and necessary for men as for women.

During the past year our school has become affiliated with the training school of the Boston City Hospital, and our graduates and advanced pupils have the privilege of six months' service in that institution. This service is now required of all our women as a part of their training. This change, together with some others, has rendered it necessary to extend our course from two to three years. That men require training as much if not more than women to fit them to properly perform their duties is self-evident, but few even of the general hospitals provide any systematic instruction for the men that they employ. As more men are employed in hospitals for the insane than in general hospitals, it seems to us clearly the duty of the hospital to provide adequate training.

As mentioned before we have for many years provided such training for all men who desired it, but have now made training obligatory, and the work is well organized. As yet we have met with no more or greater obstacles than we overcame when training was made obligatory for women.

Of the 220 patients dismissed on trial visit, 60, or 27 per cent., were directed to make monthly reports. Each year that this system has been in vogue has demonstrated its usefulness by

enabling us to keep in touch with dismissed patients and enabling them easily to get advice from the hospital. In some instances during the past year cases were returned more promptly than they otherwise would have been, while other cases were enabled to remain in the community who would probably have been returned without such oversight. In addition we have in some instances sent medical officers to visit patients in their homes and study conditions on the spot as well as to obtain information that could be secured in no other way. We plan to extend the scope of this work in the near future.

The extensions to the east and west wings are sufficiently advanced for occupancy. Both congregate dining rooms are occupied, and the acute and tuberculosis wards will be occupied soon. The new cow barn at the Raynham farm colony is sufficiently advanced to be occupied by dry cows and young stock. The above are provided for by special appropriations.

Of the ordinary repairs, renewals and improvements the following may be specially mentioned: 3 wards — 2 for women and 1 for men — have been thoroughly renovated; the sewing room has been converted into a school room for the training school; the old school room has been converted into a dispensary with a stairway and small elevator leading into the stock room below, both changes meeting pressing needs; a beautiful altar has been built for Sunday services; one of the washing machines at the laundry has been rebuilt; a brooder house and a house to accommodate about 400 laying hens have been completed, and an incubator cellar with grain room over it is under process of construction. These buildings have been built largely by the labor of patients, while much of the material used in their construction was obtained at the Raynham farm colony. We now have a poultry plant of about 700 hens, the output of which is very satisfactory, supplying us with more than half of the eggs that we use during the year. We intend to increase the size of the plant as far as is found profitable.

The same general recreation schedule as recorded in previous reports has been followed during the past year with some additions. During the summer months one of the weekly visiting days was changed from Saturday to Sunday, thus enabling us to devote Saturday afternoons to recreation. This change has since been

made permanent, as the friends of patients were better accommodated, many of them belonging to the working classes and being unable to visit on week days without a loss of wages. The usual ball game and picnic were continued each week during the summer, with the exception of one week when a field day of miscellaneous sports was substituted for the ball game, and another when a clambake was substituted for the usual picnic lunch. This clambake was attended by 500 patients and thoroughly enjoyed. The series of indoor entertainments on the wards of the more disturbed patients, mentioned in last year's report, was continued successfully through the winter, and will be continued. In addition to entertainments provided, patients are encouraged to engage in amusements on their own account, the hospital providing them with the means. In the warmer months croquet is the most popular and is played by many, while a smaller number play at baseball and tennis. Of indoor games, cards, checkers and dominoes are the most popular.

Mr. Harrie Peck and friends of Taunton gave us an excellent musical entertainment.

Rev. L. L. Lewis and members of the Universalist society of Taunton presented very creditably the amusing comedy, "The Elopement of Ellen." Mr. Alvero Harnden and associates of the Odd Fellow and Rebecca fraternities presented the musical drama "A Country School" in a very creditable manner.

Mr. James McGrath and Mr. James O'Brien presented a very amusing Irish sketch at one of our Wednesday evening assemblies.

Our extensions soon to be occupied will afford us much-needed facilities for the most important of our duties, — the care of acute cases, — and will enable us to make greater use of the means of treatment found most effective, — individual attention, baths and out-of-door air.

The question of the use of mechanical restraint and seclusion in the care of the insane has from time to time been mentioned in our annual reports. It has been and still is our opinion that both mechanical restraint and seclusion are valuable therapeutic means when properly employed in carefully selected cases, but that their use should be restricted to such cases. In this institution, for over twenty years, a careful daily record of all restraint and seclusion has been kept, and for the same period no mechanical restraint

has been used except when ordered by the superintendent or one of his assistant physicians. For several years past special pains have been taken to limit as far as possible the use of those means to those cases only where other means had proven insufficient.

The following tables of comparative statistics may be of interest. The first gives the total number of patients that were restrained or secluded each year from 1907 to 1911 inclusive. The increase in the number restrained in 1908 over 1907 is apparent and not real, and is explained by the fact that from 1908 to the present time every appliance different from ordinary clothing has been recorded as "restraint," while previous to 1908 only such application as actually confined some part of the body was recorded as "restraint."

DATE.	RESTRAINT.			SECLUSION.			Daily Average Number of Patients.
	Men.	Women.	Total.	Men.	Women.	Total.	
1907, . . .	30	56	86	35	195	230	943.80
1908, . . .	40	70	110	30	158	188	933.31
1909, . . .	23	46	69	10	114	124	966.73
1910, . . .	27	30	57	16	36	52	986.30
1911, . . .	11	7	18	3	23	26	1002.65

The second table gives the total number of patients restrained or secluded, together with the total number of hours of restraint and seclusion for the month of November from the year ending Nov. 30, 1907, to the year ending Nov. 30, 1911.

DATE.	RESTRAINT.						SECLUSION.						Daily Average Number of Patients.
	MEN.		WOMEN.		TOTAL.		MEN.		WOMEN.		TOTAL.		
	Number.	Hours.	Number.	Hours.	Number.	Hours.	Number.	Hours.	Number.	Hours.			
November, 1907,	3	1,892	18	5,662½	21	7,554½	3	18½	32	2,024	35	2,042½	943.80
November, 1908,	6	626	14	2,178¼	20	2,804¼	3	126½	33	1,635¼	36	1,811¾	933.31
November, 1909,	4	944½	7	2,245	11	3,189½	1	206½	15	921	16	1,127½	966.73
November, 1910,	3	363	5	1,856½	8	2,219½	2	20½	6	1,616¼	8	1,636¾	986.30
November, 1911,	-	-	-	-	-	-	-	-	4	788¾	4	788¾	1002.65

A large number of valuable books and periodicals were contributed by Dr. Henry R. Stedman of Brookline. Periodicals were contributed by Rev. W. J. Dawson and Rev. James Coyle of Taunton.

Several changes have occurred in the junior staff. Dr. John J. Thompson and Dr. Fred H. Freeman resigned, the former to enter general practice, the latter to accept the position of second assistant physician in the Eastern Maine Insane Hospital at Bangor, Me.

Dr. G. B. McMurray returned as junior assistant physician, but resigned later in the year to accept a position in the New Jersey State Hospital. Dr. J. P. H. Murphy and Dr. John H. Travis were appointed to fill the vacancies caused by these resignations.

Again I am pleased to thank officers and employees for their hearty co-operation with the administration, and to express to your Board my appreciation of the cordial and never-failing support that has this year as before been extended to your superintendent.

ARTHUR V. GOSS,
Superintendent.

PATHOLOGIST'S REPORT.

To the Superintendent of the Taunton State Hospital.

SIR: — I herewith respectfully present the report of the pathological laboratory for the year ending Nov. 30, 1911.

During that time there have been 41 post-mortem examinations made; a percentage of 28.6 in 143 deaths. The psychoses of those cases coming to autopsy were as follows: —

Senile dementia,	13	Huntingdon's chorea,	1
Organic brain disease,	6	Toxic insanity (morphine),	1
Dementia præcox,	5	Paranoid condition,	1
Manic-depressive insanity,	5	Acute delirium,	1
General paralysis,	3	Exhaustion psychosis,	1
Involuntional melancholia,	2	Undiagnosed,	1
Chronic alcoholic insanity,	1		—
		Total,	41

The number of examinations is lower than that of last year, but is above the average of the last ten years, so there has been no real retrogression.

The pathologist again wishes to call attention to the fact that the percentage of autopsies is very low and does not seem to increase from year to year. The examination of the body after death has a great importance in increasing knowledge of disease, which knowledge can be used as an aid to combat disease in the living, and especially does brain pathology aid in this branch of medical work. Contrary to the usual belief such examinations when properly conducted do not affect the appearance of the body. If such facts were more generally known we would have more permissions for autopsy.

It has been the aim to closely ally the laboratory to any department of hospital work in which it could be an aid. The usual number of diagnostic measures have been carried on, — blood counts, sputum and urine examinations, analyses of stomach con-

tents, etc. The pathologist is often called to inspect slaughtered animals and make examinations of any lesions when found. Consultation with the veterinary surgeon has been customary when his services are required.

We are at present without the services of a technician in the laboratory and the need is felt.

The conferences of the staff have been carried on as usual, and once a month the pathologist makes a report of his work at that meeting. It is thought that this keeps the medical staff more in touch with the laboratory.

In addition to the regular laboratory work, studies in heredity have been carried on throughout the year. Methods suggested by the Eugenics Record Office at Cold Spring Harbor, Long Island, N. Y., are followed, and we think we are making some advance in that most important subject. The pathologist has done some field work in certain cases, and the advantage of it is readily seen in the more complete histories thus obtainable. The making of pedigree charts has been begun and we hope to do further work in this graphic history-making.

The Association of Neuropathologists was formed during the year. Its members are chiefly the pathologists of the State hospitals of Massachusetts, and its purpose, the mutual exchange of ideas and working material. It is hoped that the association may spread to be a national body. The strength of union is apparent in every branch of activity.

During the year the following papers have been presented: —

“The Presentation of Family Pathographies,” at a meeting of the committee on epilepsy of the Eugenics Section of the American Breeders’ Association at Palmer, Mass., May 2 and 3, 1911.

“A Manic-depressive Family: A Study in Heredity,” at the annual meeting of the American Medico-Psychological Association at Denver, Col., June 19–22, 1911. (This paper has been published in the October number of the “American Journal of Insanity.”)

“The Charting of Heredity with Special Reference to Dementia Præcox,” at the September meeting of the New England Society of Psychiatry, Waverley, Mass., Sept. 28, 1911.

C. G. McGAFFIN,
Pathologist.

Payments.

To treasury of Commonwealth, institution receipts,	\$39,877 41
Maintenance appropriations: —	
Balance November schedule, 1910,	\$9,500 33
Eleven months' schedules, 1911,	222,802 66
November advances,	7,419 48
	<hr/>
	239,722 47
Special appropriations: —	
Approved schedules,	41,282 97
Balance, Nov. 30, 1911: —	
In bank,	\$568 61
In office,	2,011 91
	<hr/>
	2,580 52
Total,	<hr/>
	\$323,463 37

MAINTENANCE.

Appropriation,	\$236,600 00
Expenses (as analyzed below),	236,598 98
	<hr/>
Balance reverting to treasury of Commonwealth,	\$1 02

Analysis of Expenses.

Salaries, wages and labor: —	
General administration,	\$31,200 10
Medical service,	11,197 29
Ward service (male),	21,362 53
Ward service (female),	18,543 67
Repairs and improvements,	6,413 55
Farm, stable and grounds,	9,000 66
	<hr/>
	\$97,717 80
Food: —	
Butter,	\$7,929 62
Butterine,	2,533 06
Beans,	938 79
Bread and crackers,	655 82
Cereals, rice, meal, etc.,	1,244 18
Cheese,	105 89
Eggs,	2,514 05
Flour,	8,493 61
Fish,	2,483 16
Fruit (dried and fresh),	4,486 15
Meats,	11,977 10
Milk,	765 60
Molasses and syrup,	259 03
Sugar,	3,346 44
Tea, coffee, broma and cocoa,	2,335 83
Vegetables,	2,103 69
Sundries,	2,184 17
	<hr/>
	54,356 19
Amount carried forward,	<hr/>
	\$152,073 99

Amount brought forward, \$215,132 58

Miscellaneous: —

Books, periodicals, etc.,	\$334 26	
Chapel services and entertainments,	1,402 28	
Freight, expressage and transportation,	3,121 64	
Funeral expenses,	157 50	
Gratuities,	919 45	
Hose, etc.,	142 21	
Medicines and hospital supplies,	2,549 44	
Medical attendance, nurses, etc. (extra),	209 51	
Postage,	712 41	
Printing and printing supplies,	789 18	
Printing annual report,	211 22	
Return of runaways,	37 30	
Soap and laundry supplies,	2,009 01	
Stationery and office supplies,	570 38	
School books and school supplies,	17 10	
Travel and expenses (officials),	910 26	
Telephone and telegraph,	822 27	
Tobacco,	960 92	
Water,	4,571 50	
Sundries,	2,992 82	
		23,440 66
Total expenses for maintenance,		\$236,598 98

SPECIAL APPROPRIATIONS.

Balance Dec. 1, 1910,	\$68,214 46
Expended during the year (see statement annexed),	41,282 97
Balance Nov. 30, 1911,	\$26,931 49

RESOURCES AND LIABILITIES.

Resources.

Cash on hand,	\$2,580 52	
November cash vouchers (paid from advance money),	7,419 48	
Due from treasury of Commonwealth, account		
November, 1911, schedule,	3,796 32	
		\$13,796 32

Liabilities.

Schedule of November bills,	\$13,796 32
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PER CAPITA.

During the year the average number of inmates has been 996.

Total cost for maintenance, \$236,598.98.

Equal to a weekly per capita cost of \$4.567.

Receipts from sales, \$985.41.

Equal to a weekly per capita of \$0.019.

All other institution receipts, \$38,892.

Equal to a weekly per capita of \$0.751.

Special Appropriations.

OBJECT.	Act or Resolve.	Whole Amount.	Expended during Fiscal Year.	Expended to Date.	Balance at End of Year.
Sewerage system,	Acts of 1909-10, .	\$11,800 00	\$256 39	\$11,800 00	-
Cow barn at Raynham,	Acts of 1910, .	4,000 00	2,312 53	3,840 45	\$159 55
Accommodations for 80 patients,	Acts of 1910, .	68,500 00	38,714 05	41,728 06	26,771 94
		\$84,300 00	\$41,282 97	\$57,368 51	\$26,931 49

Respectfully submitted,

FRANK W. BOYNTON,
Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

WARREN A. MERRILL,
Assistant Supervisor of Accounts.

VALUATION.

Nov. 30, 1911.

Land, 333 acres,	\$52,875 00	
Hospital buildings,	355,520 00	
Barns and stables,	49,990 00	
Boiler house buildings,	30,000 00	
Laundry building,	16,000 00	
Industrial building,	12,000 00	
Nurses' home buildings,	69,040 00	
Other buildings and wall,	21,040 00	
		<hr/>
		\$606,465 00
Water system and appurtenances,	\$7,905 82	
Drainage system and appurtenances,	9,768 39	
Heat, light and power,	48,506 60	
Wiring and piping,	99,132 67	
Provisions and groceries,	4,108 08	
Clothing and clothing material,	10,490 03	
Furnishings,	46,009 79	
Fuel,	5,436 00	
All other property,	183 52	
Machinery and mechanical fixtures,	2,758 13	
All other property,	1,141 31	
Live stock on the farm,	15,546 50	
Produce of the farm on hand,	2,849 05	
Carriages and agricultural implements,	6,409 25	
All other property,	2,025 10	
Miscellaneous,	6,464 38	
		<hr/>
		268,734 62
		<hr/>
		\$875,199 62

FARM PRODUCE.

VALUE OF FARM PRODUCE FROM DEC. 1, 1910, TO NOV. 30, 1911.

243,753	quarts milk,	\$14,625 18
4,912 $\frac{1}{8}$	dozen eggs,	1,473 65
70	boxes asparagus,	245 00
64 $\frac{1}{4}$	bushels string beans,	57 83
14	bushels wax beans,	11 20
5 $\frac{1}{2}$	bushels lima beans,	3 03
472 $\frac{5}{6}$	bushels beets,	273 70
6	bushels beet greens,	2 10
22,615	pounds cabbages,	282 70
258 $\frac{3}{4}$	bushels carrots,	194 06
4	boxes cauliflower,	5 00
58	boxes celery,	52 20
489	bushels green corn,	489 00
174 $\frac{1}{4}$	boxes cucumbers,	130 69
8	pecks cucumber pickles,	2 40
5	barrels egg plant,	10 00
68 $\frac{1}{2}$	boxes lettuce,	34 25
61 $\frac{1}{2}$	bushels onions,	67 65
2	bushels parsley,	1 00
93	bushels parsnips,	69 75
97	bushels peas,	194 00
27	bushels peppers,	20 25
1,267	bushels potatoes,	1,140 30
1,950	pounds pumpkins,	58 50
193	dozen bunches radishes,	57 90
6,230	pounds rhubarb,	124 60
48	pounds sage,	12 00
1	bushel salsify,	1 00
17,670	pounds winter squash,	309 23
8 $\frac{1}{2}$	barrels summer squash,	8 50
50 $\frac{1}{2}$	bushels ripe tomatoes,	37 88
40	bushels green tomatoes,	20 00
40	bushels turnip greens,	10 00
265 $\frac{1}{2}$	barrels turnips,	292 05
55	bushels apples,	137 50

Amount carried forward, \$20,454 10

Amount brought forward,	\$20,454	10
68 quarts currants,	7	48
14 quarts gooseberries,	1	40
44 quarts blackberries,	6	16
742 pounds grapes,	29	68
10 bushels pears,	10	00
40 baskets plums,	12	00
136 quarts raspberries,	20	40
1,750 quarts strawberries,	210	00
13,397 pounds beef,	975	74
43,048 pounds pork,	3,874	32
1,328 pounds chickens,	304	84
932½ pounds fowls,	139	88
45 pounds duck,	8	10
158 pounds turkey,	39	50
75 pounds geese,	15	00
192,700 pounds hay,	2,023	35
2,800 pounds green alfalfa,	9	80
40,850 pounds grass,	102	13
22,000 pounds millet,	55	00
42,800 pounds clover,	128	40
313,500 pounds ensilage,	627	00
100,000 pounds poor ensilage,	125	00
28,000 pounds green oats,	70	00
44,000 pounds rowen,	330	00
24,500 pounds winter rye,	61	25
14,000 pounds green corn fodder,	35	00
512 bushels mangel-wurzel,	128	00
9,536 feet lumber,	196	96
74 cords wood,	330	00
2,712 pounds bones,	17	16
1,619 pounds hides,	134	70
736 pounds tallow,	23	60
2,560 pounds grease, junk, etc.,	21	90
Total,	\$30,527	85

WORK DONE ON WARDS

FROM DEC. 1, 1910, TO NOV. 30, 1911.

1,675 hall sheets.	49 glass towels.
560 attendants' sheets.	7 milk strainers.
8 officers' sheets.	23 coffee strainers.
575 draw sheets.	43 table cloths.
2,359 pillow slips.	507 napkins.
4 large squares.	60 tray cloths.
109 small squares.	5 silence cloths.
93 long night dresses.	60 dressing bags.
120 short night dresses.	155 sausage bags.
17 burial night dresses.	180 white curtains.
29 burial skirts.	50 sash curtains.
40 pairs ladies' drawers.	3 dust sheets.
259 colored shirts.	66 cheese cloth dusters.
20 white shirts.	4 doilies hemstitched.
327 night shirts.	25 wash cloths.
204 wrappers.	195 bibs.
2 dressing sacks.	46 pairs men's suspenders.
22 shirt waist suits.	4 duck coverings for clothes
4 shirt waists.	baskets.
5 one piece dresses.	359 bureau covers.
9 bath robes.	96 commode covers.
2 operating gowns.	292 stand covers.
12 strong gingham dresses.	23 pairs men's overalls.
2 strong dresses.	1 piano cover.
5 strong waists.	8 pairs pants.
5 strong skirts.	13 jumpers.
1,030 single roller towels.	35 black coats.
156 double roller towels.	203 white hall aprons.
2,201 bath towels.	297 colored aprons.
103 dispensary towels.	64 ticking aprons.
460 dish towels.	21 duck aprons.

 WORK DONE ON WARDS—*Concluded.*

75 kitchen holders.	16 lounge covers.
203 mattress ticks.	8 chair covers.
3 mattress ticks made over.	1 mattress cover.
36 hay beds.	1 tent covering.
33 hall laundry bags.	2 flannel stockings.
78 attendants' laundry bags.	23 rugs hemmed.
1,004 nurses' caps.	2 rugs bound.
292 nurses' aprons.	6 quilts pieced.
630 nurses' apron bibs.	302 puffs made.
12 screens.	43 puff covers.
145 men's neckties.	7 cow blankets.
343 pairs men's stockings (knit).	101 bags hair picked.
1 blouse.	

 MENDING DONE ON WARDS DURING THE YEAR.

5 table cloths.	281 vests.
53 sheets.	468 pairs drawers.
3 bed spreads.	7,002 pairs hose.
7 flags.	388 petticoats.
2 white shirts.	60 waists.
35 mattress ticks made into hay beds.	411 night dresses.
2 night shirts.	31 corset covers.
3 mattress ticks.	50 aprons.
232 ticking aprons.	258 hay ticks.
547 wrappers.	247 laundry bags.

WORK DONE IN TAILOR SHOP

FROM DEC. 1, 1910, TO NOV. 30, 1911.

311 coats made.	4,907 pairs pants. repaired and pressed.
117 vests made.	104 overcoats repaired and pressed.
522 pairs pants made.	2,081 shirts repaired.
263 pairs suspenders made.	826 undershirts repaired.
160 pairs overalls made.	960 underdrawers repaired.
47 jumpers made.	114 bedspreads repaired.
181 door mats made.	102 blankets repaired.
182 rugs bound.	68 pairs overalls repaired.
84 rubber aprons made.	19 jumpers repaired.
17 chair cushions made.	19 ladies' skirts repaired and pressed.
5 shirts made.	14 ladies' coats repaired and pressed.
21 awnings made.	11 window shades repaired.
69 handkerchiefs made.	13 camisoles repaired.
3 baseball bases made.	1 door mat repaired.
61 blankets bound.	1 piano repaired.
15 pairs mittens made.	1 art square.
4 bags made.	
960 feet tennis tape made.	
11 footstools made.	
4,708 coats repaired and pressed.	
2,684 vests repaired and pressed.	

WORK DONE IN MATTRESS SHOP

FROM DEC. 1, 1910, TO NOV. 30, 1911.

1 lounge upholstered.	10 settee cushions upholstered.
3 couches upholstered.	20 chair cushions upholstered.
10 easy chairs upholstered.	14 hassocks upholstered.
4 parlor chairs upholstered.	3 wagon cushions upholstered.
2 barber chairs upholstered.	5 pillows for lace-making made.
6 dining-room chairs upholstered.	3 canvas veranda curtains made.
1 studio chair upholstered.	2 rugs made.
6 rocking chairs upholstered.	664 mattresses made.
3 awnings recovered.	604 pillows made.
1 screen recovered.	

WORK DONE IN CHAIR SHOP

FROM DEC. 1, 1910, TO NOV. 30, 1911.

10 bureaus painted and varnished.	135 settees painted.
950 chairs scraped, shellacked and varnished.	63 screens painted.
31 tables oiled and varnished.	6 bedsteads painted.
10 hall tables shellacked and varnished.	98 chairs cane seated.
	4 commodes painted and varnished.

WORK DONE IN BROOM SHOP

FROM DEC. 1, 1910, TO NOV. 30, 1911.

70 dozen corn brooms made.	4 dozen scrub brushes made.
21 dozen whisk brooms made.	5 clocks cleaned and oiled.

WORK DONE IN SHOE SHOP

FROM DEC. 1, 1910, TO NOV. 30, 1911.

341 pairs shoes made.	18 pairs rubber boots repaired.
500 pairs slippers made.	76 pairs rubber heels repaired.
530 pairs moccasins made.	20 rubber cushions repaired.
3,548 pairs shoes repaired.	1,352 pairs rubber heels put on.
56 pairs straps repaired.	

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

1. — General Statistics of the Year.

[illegible]

2. — Insane received on First and Subsequent Commitments.

NUMBER OF THE ADMISSION.	CASES COMMITTED.		
	Males.	Females.	Totals.
First to this hospital,	231	151	382
Second to this hospital,	18	19	37
Third to this hospital,	3	3	6
Fourth to this hospital,	3	-	3
Fifth to this hospital,	-	1	1
Sixth to this hospital,	1	-	1
Eleventh to this hospital,	1	-	1
Total cases,	257	174	431
Total persons,	251	172	423
Never before in any hospital for the insane,	209	129	338

3. — Nativity and Parentage of Insane Persons first admitted to Any Hospital.

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.	Patients.	Fathers.	Mothers.
Massachusetts,	97	47	50	50	27	23	147	74	73
Other New England States,	13	13	16	12	5	7	25	18	23
Other States,	11	7	8	6	3	3	17	10	11
Total natives,	121	67	74	68	35	33	189	102	107
Other countries: —									
Austria,	1	1	1	-	-	-	1	1	1
Azores,	7	7	7	2	1	1	9	8	8
Canada,	21	22	23	11	15	15	32	37	38
England,	17	19	16	16	17	16	33	36	32
Finland,	1	1	1	-	-	-	1	1	1
Germany,	1	3	2	1	1	1	2	4	3
Greece,	1	1	1	-	-	-	1	1	1
Ireland,	20	48	44	13	28	26	33	76	70
Italy,	3	3	3	1	1	1	4	4	4
Norway,	-	-	-	1	1	1	1	1	1
Poland,	-	-	-	1	-	-	1	-	-
Portugal,	2	1	1	1	1	1	3	2	2
Russia,	3	5	5	2	2	2	5	7	7
Scotland,	2	2	4	5	3	4	7	5	8
Sweden,	-	-	-	2	4	4	2	4	4
Total foreign,	79	113	108	56	74	72	135	187	180
Unknown,	9	29	27	5	20	24	14	49	51
Totals,	209	209	209	129	129	129	338	338	338

4. — *Residence of Insane Persons admitted from the Community.*

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Barnstable County,	10	2	12	-	3	3	10	5	15
Berkshire County,	-	-	-	-	1	1	-	1	1
Bristol County,	106	82	188	27	17	44	133	99	232
Dukes County,	2	-	2	-	-	-	2	-	2
Middlesex County,	1	2	3	-	-	-	1	2	3
Nantucket County,	3	-	3	-	-	-	3	-	3
Norfolk County,	30	5	35	2	7	9	32	12	44
Plymouth County,	54	34	88	2	5	7	56	39	95
Suffolk County,	3	4	7	4	1	5	7	5	12
Totals,	209	129	338	35	34	69	244	163	407
Viz.: cities or towns (10,000 or over),	134	95	229	28	23	51	162	118	280
country districts (under 10,000),	75	34	109	7	11	18	82	45	127

5. — *Civil Condition of Insane Persons first admitted to Any Hospital.*

	Males.	Females.	Totals.
Unmarried,	90	34	124
Married,	87	61	148
Widowed,	21	30	51
Divorced,	5	2	7
Totals,	203	127	330
Unknown,	6	2	8
Totals,	209	129	338

6. — Occupations of Insane Persons first admitted to Any Hospital.

MALES.

Artists,	2	Mill operatives,	21
Banker and broker,	1	Moulder,	1
Barbers,	2	No occupation,	28
Blacksmiths,	2	Nurse,	1
Boat builder,	1	Painters,	8
Butcher,	1	Pawnbroker,	1
Burnisher,	1	Pharmacist,	1
Carpenters,	6	Plasterer,	1
Chauffeur,	1	Policeman,	1
Cigar maker,	1	Poultryman,	1
Clergyman,	1	Printers,	3
Clerks,	2	Quarryman,	1
Contractor,	1	Real estate dealer,	1
Dishwasher,	1	Rubber worker,	1
Engraver,	1	Shoe operatives,	21
Eyelet maker,	1	Silver worker,	1
Farmers,	7	Stenographer,	1
Firemen,	3	Storekeeper,	1
Fishermen,	3	Student,	1
Florist,	1	Tailors,	2
Harness maker,	1	Teamsters,	6
Hostlers,	2	Telegraph operator,	1
Insurance agent,	1	Watchman,	1
Janitors,	3		
Jewelers,	5	Total,	204
Laborers,	42	Unknown,	5
Mariners,	4		
Mason,	1	Total,	209
Manager,	1		

FEMALES.

Domestics,	17	Nurse,	1
Fortune teller,	1	Shoe operatives,	2
Housekeepers,	8	Student,	1
Housewives,	46	Teachers,	2
Laundress,	1		
Mill operatives,	18	Total,	129
No occupation,	32		

7. — *Ages of Insane at First Attack, Admission and Death.*

AGES.	FIRST ADMITTED TO ANY HOSPITAL.						DIED.					
	AT FIRST ATTACK.			WHEN ADMITTED.			AT FIRST ATTACK.			AT TIME OF DEATH.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	4	2	6	—	—	—	3	1	4	—	—	—
15 years and less,	2	1	3	—	—	—	1	—	1	—	—	—
From 15 to 20 years,	2	3	5	4	5	9	1	1	2	—	—	—
20 to 25 years,	21	4	25	21	3	24	2	1	3	4	1	5
25 to 30 years,	26	11	37	32	9	41	—	1	1	—	—	—
30 to 35 years,	20	10	30	19	14	33	3	2	5	4	1	5
35 to 40 years,	12	8	20	14	10	24	3	5	8	6	2	8
40 to 50 years,	24	23	47	28	26	54	8	6	14	10	10	20
50 to 60 years,	26	23	49	30	24	54	16	8	24	13	10	23
60 to 70 years,	31	14	45	38	16	54	21	11	32	25	15	40
70 to 80 years,	9	14	23	16	16	32	7	4	11	19	5	24
Over 80 years,	6	3	9	7	4	11	1	4	5	4	9	13
Totals,	183	116	299	209	127	336	66	44	110	85	53	138
Unknown,	26	13	39	—	2	2	21	9	30	2	—	2
Totals,	209	129	338	209	129	338	87	53	140	87	53	140
Mean known ages (in years),	46.1	48.2	46.8	45.7	49.3	47.0	54.7	54.6	54.6	58.5	60.1	59.0

9. — Probable Duration of Mental Disease before Admission.

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.		
	Males.	Females.	Totals.
Congenital,	3	1	4
Under 1 month,	72	31	103
From 1 to 3 months,	31	24	55
3 to 6 months,	15	15	30
6 to 12 months,	14	7	21
1 to 2 years,	17	11	28
2 to 5 years,	22	13	35
5 to 10 years,	3	8	11
10 to 20 years,	2	2	4
Over 20 years,	2	—	2
Totals,	181	112	293
Unknown,	28	17	45
Totals,	209	129	338
Average known duration (in years),	1.9+	1.7+	1.6+

10. — Form of Mental Disease in Patients committed or discharged, with their Condition on Discharge, or died.

FORM OF DISEASE..	COMMITTED.			DISCHARGED.						DIED.			TOTAL DISCHARGES AND DEATHS.			
	Males.	Females.	Totals.	RE-COVERED.		CAPABLE OF SELF-SUPPORT.		IMPROVED.		NOT IMPROVED.		NOT INSANE.		Males.	Females.	Totals.
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.				Females.	Totals.
A. — First admitted to any hospital: —																
Imbecility,	8	6	14	—	—	1	—	1	1	—	—	—	—	3	1	4
Psychopathic inferiority,	—	2	2	—	—	1	—	7	15	5	—	—	—	1	—	1
Dementia præcox,	50	31	81	—	2	5	—	8	2	1	—	—	—	20	18	38
General paralysis,	13	3	16	—	—	—	—	2	—	—	—	—	—	21	3	24
Organic brain disease,	23	8	31	—	—	1	—	1	2	1	—	—	—	18	8	26
Involution psychosis,	6	20	26	—	—	1	—	1	3	1	—	—	—	20	10	30
Senile dementia,	25	24	49	—	—	—	—	2	2	1	—	—	—	5	7	12
Manic-depressive insanity,	11	7	18	2	5	7	—	—	2	2	1	—	—	17	14	31
Paranoid condition,	2	1	3	—	—	1	—	—	2	—	—	—	—	1	1	2
Paranoia,	1	1	2	—	—	1	—	1	1	—	—	—	—	1	1	2
Alcoholic paranoia,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Alcoholic insanity: —																
Acute,	17	8	25	15	1	16	5	4	4	1	—	—	—	25	3	28
Chronic,	15	2	17	5	1	6	3	3	3	—	—	—	—	8	1	9
Delirium tremens,	7	1	8	—	—	—	—	1	—	1	—	—	—	7	1	8
Toxic insanity, acute: —																
Albuminuria,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Chloroform,	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Morphinism,	1	1	2	—	1	1	—	—	—	—	—	—	—	—	2	3
Traumatic psychosis,	—	1	1	—	—	—	1	1	2	—	—	—	—	2	1	3
Undiagnosed,	19	7	26	—	—	—	—	3	3	—	—	—	—	7	—	7
Korsakow's psychosis,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exhaustion psychosis,	1	1	2	—	1	1	1	—	—	—	1	—	—	1	1	2
Acute confusional insanity,	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Compulsive insanity,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Presenile delusional insanity,	1	—	1	—	—	—	—	—	—	—	—	—	—	1	—	1
Idiocy,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arteriosclerotic insanity,	1	—	1	—	—	—	—	—	—	—	—	—	—	1	—	1
Huntingdon's chorea,	—	2	2	—	—	—	—	—	—	—	—	—	—	—	1	1
Epileptic insanity,	7	—	7	—	—	—	—	—	—	1	—	—	—	—	—	—
Totals,	209	129	338	22	11	33	17	12	29	25	16	41	12	150	84	234

B. — Other admissions: —																
Imbecility, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
Psychopathic inferiority, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
Dementia praecox, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15
General paralysis, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7
Organic brain disease, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
Involution psychosis, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
Manic-depressive insanity, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
Paranoia, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24
Alcoholic insanity: —	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
Acute, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
Chronic, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
Delirium tremens, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
Undiagnosed, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
Epileptic insanity, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3
Exhaustion psychosis, . . . . .	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4
Totals,	36	34	70	7	7	14	11	6	17	2	7	9	6	8	14	76
Aggregate cases,	245	163	408	29	18	47	28	18	46	27	23	50	18	10	28	310
Aggregate persons,	244	163	407	29	18	47	28	18	46	27	22	49	18	10	28	309

11. — Discharges of the Insane, classified by Admission and Result, and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			NOT INSANE.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital, . . .	25	13	38	23	14	37	25	20	45	15	4	19	-	-	-	81	46	127	169	97	266
Second to this hospital, . . .	1	2	3	3	3	6	1	2	3	2	5	7	-	-	-	4	5	9	11	17	28
Third to this hospital, . . .	2	3	5	-	-	-	1	1	2	-	-	-	-	-	-	-	2	2	3	6	9
Fourth to this hospital, . . .	-	-	-	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	2	-	2
Fifth to this hospital, . . .	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	1	1	1	2
Sixth to this hospital, . . .	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
Twenty-second to this hospital,	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Totals, . . .	29	18	47	28	18	46	27	23	50	18	10	28	-	-	-	86	53	139	188	122	310
First admitted to any hospital,	22	11	33	17	12	29	25	16	41	12	2	14	-	-	-	74	43	117	150	84	234

12. — Cause of Death, and Form of Mental Disease in Persons who died — Continued.

CAUSE.	SENILE DEMENTIA.			ORGANIC BRAIN DISEASE.			MANIC-DEPRESSIVE INSANITY.			PSYCHOPATHIC INFIRMITY.			COMPULSIVE INSANITY.			IMBECILITY.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<i>Diseases of Digestive System — Con.</i>																		
Chronic mucous gastritis, chronic nephritis and organic brain disease,																		
Acute gastroenteritis and manic depressive insanity,				1	1	2												
Gastroenteritis,							1	1	2									
Gastroenteritis and general paralysis,																		
Gastroenteritis and senile dementia,	2		2															
Gastroenteritis and organic heart disease,																		
Gastroenteritis and organic brain disease,				1		1												
General paralysis and cirrhosis of liver,																		
Cirrhosis of liver and organic brain disease,				1		1												
Cholecystitis and senile dementia,		1	1															
Cholecystitis and toxic insanity (morphinism),																		
Acute peritonitis and general paralysis,																		
Peritonitis and dementia præcox,																		
<i>Diseases of Genito-urinary System.</i>																		
Acute nephritis and organic brain disease,				1		1												
Chronic nephritis and manic-depressive insanity,					1	1												
Chronic interstitial nephritis and dementia præcox,																		
Chronic interstitial nephritis and manic-depressive insanity,				1	1	2												
Intestinal nephritis and organic brain disease,																		
Chronic parenchymatous nephritis and dementia præcox,				1		1												
Pyelonephritis,																		
Hemorrhagic cystitis and senile dementia,		1	1															
Tuberculosis of left kidney,																		
Totals,	17	14	31	20	7	27	5	3	8		1	1	1		1	3		3

